

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# HARRIS'S HARD & FEEDS

1912

JOSEPH HARRIS Co

MORETON FARM  
COLDWATER, N.Y.

*Gregg Asterij*

# DIRECTIONS ABOUT ORDERING

**Making out the Order.** An order sheet which is attached to this catalogue will be found convenient to use. Please write your name very distinctly and give your full postoffice address, and also state how you wish the seeds sent, whether by mail, express or freight. If the seeds etc., are to be sent by freight or express give your nearest railroad station or express office if different from your post office.

**How to send money.** Money is most conveniently and safely sent in the form of a postoffice money order, express money order or check. We will accept personal checks without exchange. Small amounts may be sent in postage stamps, it is not safe to send silver.

**We take all the risk** of money reaching us if it is sent in the form of a postal money order, bank draft or registered letter.

**Terms.** Our usual terms are cash with the order. We shall, however, be glad to open accounts with anyone of established credit, or who will send us satisfactory references.

**Seeds sent by Mail or Prepaid Express.** When garden seeds are ordered at the prices quoted in this catalogue (except such prices as are headed or preceded by the words "By Express,")

we will send the seeds by mail or prepaid express without any further expense to the purchasers.

**Shall we ship by Mail, Express or Freight?** Small lots of seeds, bulbs or plants weighing less than 4 lbs., will go by mail cheaper than by express. The express charges will amount to 35c, even on a small package unless the charges are *prepaid* by us, in which case the charges will be the same as if sent by mail 8c per lb. gross weight, including boxes and packing, which makes it amount to about 10c per lb. for the seed.

If the seeds weigh over 4 lbs., and under 50 lbs., they will go cheaper, quicker and safer by express than in any other way provided they can be sent to places having offices of the American, United States, Adams, Southern, National or Wells-Fargo Express Companies. (See express rates page 2.)

Heavy seeds in quantities weighing 50 lbs., or more will usually go by freight cheaper than by express. (See freight rates page 2.) We prefer our customers to state how they want the seeds shipped, but if left to our choice we will use our best judgment for the interest of our customers.

For further information about shipping see page 2.

## INDEX

Vegetable and Field Seed.	Page	Page	Page	Page	Page	Page	Page
Kale.....	27	Tobacco.....	41	Digitalis, see Fox-glove.....	60	Tropaeolum, see Nasturtium.....	62
Kohl Rabi.....	27	Tomato Seed.....	13, 39	Mimophotheca.....	60	Tuberose.....	69
Lavender.....	42	" Plants.....	72	Aurantiaca.....	60	Verbena.....	67
Lawn Grass Seed .....	54	Turnip.....	41	Eschscholtzia.....	60	Wallflower.....	67
Leek.....	29	Vegetable Oyster.....	38	Everlasting.....	60	Wild Flower Garden.....	67
Asparagus.....	13, 15	Vetches.....	53	Forget-Me-Not.....	60	Zinnia.....	67
Barley.....	47	Water Cress.....	27	Foxglove.....	60		
Basil.....	42	Watermelon.....	30	Gillardia.....	60		
Beans.....	16	Wheat, Winter.....	47	Gladiolus.....	69		
" Soy.....	52	Wormwood.....	42	Golden Glow.....	69		
Beets, Garden.....	7, 18			Gourds.....	60		
" for Stock.....	19			Helichrysum.....	60		
Borage.....	42			Heliotrope.....	60		
Borecole.....	27			Hollyhock, seed... plants	60		
Brussels Sprouts..	6, 15	Oats.....	46	Kochia.....	61	Asparagus Roots.....	13, 15
Buckwheat.....	47	Okra.....	31	Larkspur.....	61	Blackberry.....	70
Cabbage.....	5, 20	" Sets.....	33	Marigold.....	61	Black Caps.....	70
" Plants.....	72	Parsley.....	34	Mignonette.....	61	Cabbage Plants.....	72
Canteloupe, (See Musk Melon).....	29	Parsnip.....	13, 36	Morning Glory.....	61	Cauliflower "	72
Canada Field Peas	53	Peas, Garden.....	12, 34	Mourning Bride.....	61	Celery "	72
Caraway.....	42	" Field.....	53	Myosotis, see Forget-Me-Not.....	60	Currrants.....	71
Carrots.....	23	Pepper.....	12, 33	Nasturtiums.....	62	Gooseberry.....	71
Cauliflower.....	7, 20	" Plants.....	72	Nicotiana.....	61	Grapes.....	71
" Plants.....	72	Pieplant.....	37	Peas, Sweet.....	64	Horseshoe Radish.....	11, 27
Celery.....	8, 24	Pop Corn.....	24	Pansy.....	63	Pepper Plants.....	72
" Plants.....	72	Potatoes.....	42	Petunia.....	62	Raspberry, Red.....	71
Celeriac.....	24	Potato Outer.....	73	Phlox Drummondi.....	63	" Black.....	71
Chard.....	19	Pumpkin.....	36	Calendula.....	57	Rhubarb Roots.....	37
Clover.....	54	Red Top.....	24	California Poppy.....	58	Strawberry.....	70
Collards.....	24	Rhubarb seed and roots.....	37	see Eschscholtzia.....	58	Tomato Plants.....	72
Coriander.....	42	Rosemary.....	42	Canna, seed.....	58		
Corn, Field.....	48	Ruta Baga.....	41	" bulbs.....	68		
" Sweet.....	9, 25	Rye, Spring.....	47	Candytuft.....	57		
" Pop.....	24	Sorghum.....	53	Canterbury Bell.....	57		
Corn Salad.....	27	Sage.....	42	Carnation.....	58		
Cow Peas.....	53	Sorrel.....	38	Castor Oil Beans.....	57		
Cress.....	27	Soy Beans.....	52	Centaurea.....	58		
Cucumbers.....	8, 26	Speltz.....	47	Chrysanthemum.....	57		
Dandelion.....	27	Spinach.....	37	Clarkia.....	57		
Dill.....	42	Spinach Beet, see Chard.....	19	Cocbea Scandens.....	58		
Egg Plant.....	27	Squash.....	38	Cockscomb.....	59		
Endive.....	27	Sugar Beets.....	19	Columbine.....	68		
Fennel.....	42	Summer Savory.....	42	Convolvulus, see Sunflower.....	53		
Field Peas.....	53	Swede Turnip.....	41	Morning Glory.....	61		
Field Seeds.....	46, 54	Sweet Marjoram.....	42	Dahlia.....	60		
Gourds.....	60	Sweet Corn.....	9, 25	Daisy, Shasta.....	60, 69		
Grass Seeds.....	54	Sweet Chard.....	19	Delphinium.....	60		
Gumbo.....	31	Thyme.....	42	Dianthus.....	59		
Herbs.....	42	Timothy Seed.....	54				
Horse Radish Sets	11, 27						
Hungarian Grass.....	53						
Japanese Millet.....	53						
Kaffir Corn.....	53						

## WE GUARANTEE SAFE DELIVERY

You run no risk in ordering seeds of us. We take all the responsibility of the seeds, etc., reaching you in good condition. If they are not satisfactory when received you get your money back.

**WE GUARANTEE** all seeds or plants to reach the purchaser in good condition and to be as represented in so far that if seeds or plants are damaged on the road and do not reach the purchaser in good condition, or if seeds do not germinate under favorable conditions, or if they do not prove true to name, we will replace them without charge or refund the money paid for them, but we will not be responsible in any way for the crop, nor for any loss or damage beyond the amount paid us for the seeds or plants.

**Please tear out on this perforated line**

## ORDER SHEET

# JOSEPH HARRIS CO.

**MORETON FARM, COLDWATER, N. Y.**

Remittance may be sent by Check, Draft, P. O. Order, Express Money Order or Registered Letter. Amounts under \$1.00 may be sent in Postage Stamps. It is not safe to send silver.

**Forward to (Name)**

**Post Office**

Street or  
R. F. D. Number } State

**Express or Freight Station**  
(If different from Post Office)

## **How to be Sent.**

Please state on this line whether you wish the articles ordered sent by mail, express or freight.

Date \_\_\_\_\_ 191

We guarantee the seeds ordered to reach the purchaser safely and in good condition and to be fresh and true to name, in so far that if any are lost or damaged on the way, or do not prove satisfactory, we will replace them without charge, or refund the money paid for them; but we will not be responsible for any loss exceeding the price paid for the seed. In sending this order the purchaser agrees to these conditions.—J. H. Co.

Quantity

Name of Seeds or Articles Wanted

\$ Price  
cts.

Amount brought forward

If you have any friends who you think would be interested in seeing our catalogue will you kindly give their names and addresses below so that we can send it to them? Please state whether they garden for their own use or for market.

# HARRIS' SEEDS

## Are Sold by the Grower to the Sower

For over thirty years we have been raising seeds at MORETON FARM, a few miles from Rochester, and selling them direct to gardeners.

Our efforts to produce only the very purest and best seeds and to sell them at reasonable prices, seem to be appreciated by gardeners who want only the very best seeds that can be obtained.

Many people who raise vegetables for their own use are satisfied with seeds of very ordinary quality, but the better and more enterprising market gardeners who depend for their living on what they raise, are very discriminating in regard to the seeds they use, as upon the quality of the seeds often depends the success or failure of the crop.

We are pleased, therefore, to note the very large increase in our business in the last few years among this class of customers, many of whom are among the largest and most successful gardeners in this country. Seeds that satisfy such growers must be all right in every way.

If those who have gardens to supply their own table would take more pains to get the *very best seeds* direct from the grower, instead of depending on the local stores for them, they would have better gardens and would derive more pleasure and pride in them.

### Where HARRIS' SEEDS Differ from Others

There are very few other seeds besides Harris' that are sold by the man who raises them to the man who buys them. When seeds pass through three or four hands before they reach the gardener, as they often do, there are many more chances for mistakes and deterioration in quality than if they were sold direct by the grower to the sower.

In the second place all Harris' seeds are tested, and the per cent that germinate is marked on the label, so the purchaser can tell at a glance just what proportion of the seed will grow under favorable conditions and therefore judge intelligently how thick to sow the seed. This is an advantage no other seedsman gives.

In the third place Harris' Seeds differ from others in being of *superior quality*, both as regards germination and purity of strains. Of course we do not claim that our seeds are in *every case* better than all others, for there are many excellent seeds sold that are as good as can be produced, but we do think that the seeds we raise are much superior to a large majority of the seeds sold by other dealers. This is proved by repeated trials in our trial grounds where we try a great many different strains of vegetable and flowers from other dealers to compare them with our own strains.

We can produce better seeds, because we raise them ourselves and can make much better selections than could be possible when the seeds are grown by others.

### The Seed Crops of 1911

Owing to extreme heat and lack of moisture at the right time many seed crops proved extremely small the past season. Here in Western New York we were more fortunate than in some other sections, but some of our crops were also very small.

The crop of seed Peas again proved almost a failure and it is very hard to see where gardeners are going to get enough to supply their wants.

Carrots, also yielded less than a quarter of a crop and there will be very little seed to be had. The same is true in a less degree of Beets, Mangolds and some kinds of Cabbage and Celery.

Our own crop of Sweet Corn, Beans, Melons, Cucumbers, Tomatoes, etc., were very good. Our Lettuce seed crop were almost a failure owing to the extreme heat.

The crop of early varieties of potatoes were in many cases almost a failure, but fortunately our crops of these varieties were planted on moist soil and yielded fair quantities, although not much more than half what we usually expect.

Late varieties of potatoes yielded well with us and we have some very fine stock of the best varieties.

The quantity of seed available of some of the most desirable varieties of vegetables is so small this season that seed of such varieties will be unobtainable late in the spring. We wish if possible to furnish our customers with what seeds they want, but they must bear in mind that there is only so much seed to go around and if they delay sending their order in the seed may be all sold and there is no way to get any more until another crop is harvested.

## ABOUT TESTING SEEDS

Seeds are tested by all careful seedsmen both for vitality and for purity or quality of the variety or strain which they represent.

Testing seeds for vitality is comparatively a simple process. A sample (100 seeds) of each lot of seed is either planted in soil in a greenhouse during the winter or placed in a germinating apparatus that keeps the seeds moist and warm. When the seeds sprout the number that are good is counted and recorded in a book and that number represents the percentage, or number of seeds in a hundred, that will grow.

**WHAT SEED BUYERS SHOULD KNOW.** The gardener who buys seeds has a right to know how many good live seeds out of a hundred he is getting. Some dealers sell seeds that contain only 20 to 30 per cent. of live seeds. If a gardener sowed such seed as thinly as he would seed that contained 90 per cent. live seeds he would have a very thin stand of plants. On the other hand if he sowed seed testing 90 per cent. as thick as would be necessary with seed testing only 30 per cent. he would not only waste a lot of seed but would have a lot of extra work in thinning the crop.

The purchaser should therefore know what he is buying and should demand the information.

**Harris' Seeds are the only seeds sold in this country with the percentage of good live seeds plainly marked on each package or label.**

Seeds vary greatly in respect to the number that will germinate. Very often new seed just harvested will not show as high a percentage of good seeds as some of the same kind grown two or three years before. Seeds fail to grow in many cases not because they are old, but because of not being properly cured. Because a certain lot of seed is fresh and apparently good, one cannot depend on it to grow unless it is shown to be of good vitality by test.

**TESTING FOR PURITY.** Grass seeds which often contain many impurities are often analyzed by separating and counting the number of each different kind of seed and quantity of rubbish the sample contains.

Vegetable and flower seeds, however, do not ordinarily contain impurities of this kind.

What we want to get at is what the seed will produce; whether the plants or fruit will be uniform and true to type or variable and inferior.

To find out this it is necessary to raise a crop from the seed. For this purpose we make extensive trials of many hundreds of varieties each season. We do this not only to try out the seeds we are selling, but also to compare them with those sold by other growers and dealers in the hope of finding something better than we already have. Each year we usually discover some new varieties that are improvements on what we have had and offer the seed to our customers as soon as we can obtain a stock of it.

## COST OF SHIPPING BY EXPRESS AND FREIGHT

### Low Express Rates on Seeds.

We can ship seeds by express at the following **special low rates**, which are much lower than the regular express rates. To places having either the Adams, American, National, United States, Southern or Wells-Fargo Express, not over 500 miles from Rochester a package of seeds weighing not over 15 pounds can be sent for 35c., and each additional pound will cost **not over 2c.** The rates are regulated by the distance to be sent, but except for short distances no packages of 4 pounds or more will be carried for less than 35c., but much heavier packages will usually cost no more.

The following table gives the express rates to the larger cities. For places near them having any of the before mentioned express companies' offices, the rates are usually the same:

To Buffalo.....	70 lbs. or less, 35c., each additional lb.,	½c
To New York.....	35 "	35c., " " " 1c
To Cincinnati.....	23 "	35c., " " " 1½c
To Pittsburg.....	28 "	35c., " " " 1¼c
To Chicago.....	23 "	35c., " " " 1½c
To St. Louis.....	17 "	35c., " " " 2c
To Cairo, Ill.....	14 "	35c., " " " 2½c
To Kansas City.....	11 "	35c., " " " 3c
To Minneapolis.....	11 "	35c., " " " 3c
To Boston.....	28 "	35c., " " " 1¼c
To Augusta, Me.....	23 "	35c., " " " 1½c
To Philadelphia.....	28 "	35c., " " " 1¼c
To Washington.....	28 "	35c., " " " 1¼c

Please note that these rates apply only to places having either the Adams, American, National, United States, Southern or Wells Fargo express offices. To the offices of other companies the rates are higher.

If you are charged more than above rates do not pay it, but write to us and we will get the charge adjusted.

**Shipping by Freight.** Heavy lots of seeds, potatoes, etc., usually go much cheaper by freight than by express, especially for long distances. It costs just as much to send 10 pounds by freight as 100 pounds, and often as much to send 100 pounds as 200 or 300 pounds. For any considerable distance the charges on any package, however small, would be 35c. or 40c. For instance, the rate from here to New York on potatoes is 18c. per 100 pounds, so that 200 pounds would go for 36c., while any smaller package, say 20 pounds, would cost 35c. It takes usually much longer to get things through when shipped by freight than by express, so if there is any reason for avoiding delay, and the package is not too heavy (that is over 50 or 75 lbs.) it is best to have seeds sent by express.

We can ship by the following Railroads from Coldwater and Rochester:

New York Central,	Lehigh Valley,
West Shore,	Erie,
Rome, Watertown & Ogdensburg,	Buffalo, Rochester & Pittsburgh Pennsylvania.

**Freight Rates** on potatoes, grain and heavy seeds, are about as follows per 100 pounds:

To New York.....	18c	To Richmond, Va.....	23c
To Chicago, most points in Ind. and lower Mich.	25c	To Boston.....	20½c
To Cincinnati.....	21c	To Albany.....	15½c
To Pittsburgh.....	16c	To Philadelphia.....	18c
To Louisville, Ky.....	25c	To Baltimore.....	18c
To Washington, D. C.....	28c	To places on Long Island	25c

To other points within 50 miles of these places the rates are usually the same, unless the distance is farther than to the point named.

Please state on your order whether we are to ship by freight or express. If left to our judgment, please state at what date you will need the seeds.

## SOME SUGGESTIONS ABOUT THE HOME GARDEN

Many people do not appreciate the advantages of having a really good vegetable garden. Vegetables that are gathered for the garden the day they are used and picked in just the right stage of maturity are so much superior to those obtained in market that the family who has a good garden will soon acquire the vegetable habit and be healthier and happier for it.

If you have not an asparagus bed now is the time to start one. There is no more delicious vegetable and it is easily raised.

Below we give a list of what should be raised in the home garden where ample space is available. With such a garden you will enjoy delicious fresh vegetables from early spring until late in the fall. If you have not the room or the time to raise all these kinds we should advise omitting Egg Plant, Okra, Water Melons, Cabbage and Potatoes. The last two take up considerable room and can usually be raised as field crops to better advantages than in a garden. **See collections of vegetable seeds for the home garden, on next page.**

**Asparagus.** From 100 to 200 roots, set out 2 feet apart.

**Beets.** About 40 feet of row. 1 ounce of seed required.

**Beans.** About 20 feet of row Valentine Wax or Stringless Green Pod (early,) 20 feet Crystal Wax or Hudson Wax (late,)  $\frac{1}{2}$  pint seed of each. 10 hills Scotia, 1 pkt. seed. 200 feet of row, Burpee's Bush Lima, using 1 quart seed; or, if preferred, 20 hills Pole Limas, Early Leviathan, 1 pint of seed required.

**Sweet Corn.** About 50 hills each Pocahontas or Harris' Extra Early, Mimms' Hybrid, Hickox, Country Gentleman and Egyptian. If you want to prolong the season still more plant Hickox 3 weeks later than the main crop. Half pint of seed of each kind.

**Cucumbers.** 10 hills Earliest of All or Early White Spine for very early, and 10 hills Mimms' for later.

**Celery.** 100 or 200 plants each of Golden Self-Blanching and French's Success, one packet seed of each kind. Better buy the plants than try to raise them.

**Cabbage.** If early cabbage is desired plants must be started in frames in February or March, but for late crop the seed is sown in May. We recommend Eureka or Enkhuizen Glory for early and Perfection Drumhead Savoy for late fall and winter use. 1 ptk. seed of each or 50 plants of early and 100 plants of late kinds.

**Cauliflower.** 50 plants Snowball, 1 ptk. seed, or buy the plants.

**Brussels Sprouts.** 50 plants Hercules. 1 ptk. seed.

**Swiss Chard,** for greens. 20 feet of row, 1 ptk. seed.

**Carrots.** If used as a vegetable, 25 feet of row, if merely for flavoring, 10 feet of row, 1 ptk. seed Harris' Half Long.

**Egg Plant.** 25 plants, 1 ptk. seed, Black Beauty.

**Kohlrabi.** Early White Vienna, 1 ptk.

**Lettuce.** Plants for early crop should be started in frames. May King, Holyrood Hot-Weather, Deacon, Iceberg and Salamaner are best heading varieties. 2 pkts. seed.

**Musk Melons.** Those who have good soil and a sunny situation can raise fine Musk Melons. For early Emerald Gem is excellent. For later, Admiral Togo, Irondequoit and Millers Cream are fine. 15 hills of early and 20 hills of late will be enough. 2 pkts. early, 3 pkts. late.

**Watermelons.** We do not advise amateur gardeners to raise watermelons in the Northern States unless they have light soil and plenty of room. Harris' Earliest and Hungarian Honey are good for the north and Halbert Honey or Kleckley Sweets for further South.

**Okra.** 20 feet of row, 1 oz. seed.

**DIRECTIONS FOR CULTIVATION.** We have issued a little pamphlet giving directions for the cultivation of vegetables and flowers raised for seed as well as other information of interest to amateur gardeners. We will send the pamphlet free with all orders amounting to 50c or more, *if requested*. Or it will be sent on receipt of 10 cents, which may be deducted from the first order. We have just issued a new and enlarged edition of this pamphlet, which, we hope will be of interest and value to our customers.

## TO MARKET GARDENERS AND TRUCK FARMERS

*If you raise vegetables for market or shipping, and if you have not already received a copy of our wholesale price list of seeds please send us your name and address with a request to send you a copy.*

This list will be mailed only to market growers and not to those who raise vegetables simply for their own use and therefore buy seeds in small quantities.

While this wholesale price list contains prices of Farm and Field seeds the prices are the same as quoted in this catalogue.

**JOSEPH HARRIS CO., Coldwater, N. Y.**

# Collections of Seeds

## FOR A COMPLETE VEGETABLE GARDEN

Many people do not know enough about the different varieties of vegetables to choose them so as to get the best results. To all such the collections as given below will be both convenient and economical.

The quantities and varieties are chosen with the aid of our long experience so as to make a garden that will furnish a constant supply of vegetables from the beginning to the end of the season.

**We cannot make any changes in these collections.** The collections are put up ready to ship, so we cannot change them in any way; but of course any one may order additional seeds to go with the collection.

### COLLECTION No. 1—For Small Vegetable Garden. Price 75c Postpaid.

The regular price of these seeds bought separately is \$1.25.

This collection contains one packet of each of the following varieties:

<b>Beet</b> —Eclipse.....	\$0 05
<b>Beans</b> —Valentine Wax.....	06
<b>Cabbage</b> —Enkhuizen Glory.....	05
<b>Cauliflower</b> —Snowball.....	10
<b>Carrot</b> —Harris' Perfected Half Long.....	08
<b>Cucumber</b> —Early White Spine.....	05
<b>Celery</b> —Golden Self-Blanching.....	10
<b>Sweet Corn</b> —Harris' Extra Early.....	06
"    "    White Evergreen.....	06
<b>Lettuce</b> —May King (early).....	05
"    "    Iceberg (later) .....	05

<b>Musk Melon</b> —Emerald Gem.....	\$0 05
<b>Watermelon</b> —Harris' Earliest.....	05
<b>Onion</b> —Prize Taker .....	05
<b>Parsnip</b> —Harris' New Model.....	05
<b>Radish</b> —Early Scarlet Globe.....	05
<b>Summer Squash</b> —Early Bush Crookneck .....	05
<b>Winter Squash</b> —Hubbard .....	05
<b>Salsify</b> , or Vegetable Oyster .....	05
<b>Turnip</b> —Red Top White Globe .....	05
<b>Tomato</b> —Bonny Best .....	10

Regular price.....\$1 25

### Special price of this collection sent postpaid, 75 cents

### COLLECTION No. 2—For Complete Vegetable Garden. Price \$2.85 by Express

Regular price if bought separately, \$4.26

The collection will be delivered free of all charges to any place having an office of either the American, Adams, National, United States, Wells-Fargo or Southern Express for **\$3.20**, and to other places for **\$3.35**.

This collection contains the following seeds:

1 pint <b>Beans</b> —Valentine Wax, very early .....	\$0 15
1 pint " —Bountiful, later .....	15
1 pint " —Burpee's Bush Lima.....	15
1 ounce <b>Beet</b> —Crosby's Egyptian.....	15
1 packet <b>Brussels Sprouts</b> —Hercules.....	10
1 packet <b>Cabbage</b> —Jersey Wakefield, very early.....	05
1 packet " —All-Head Early.....	05
1 packet " —Savoy—for Winter use.....	05
1 packet <b>Carrot</b> —Harris' Perfected Half Long .....	08
1 packet <b>Cauliflower</b> —Snowball.....	10
1 packet <b>Celery</b> —Golden Self-Blanching.....	10
½ pint <b>Sweet Corn</b> —Pocahontas, very early.....	10
½ pint " —Buttercup (new), very sweet....	10
½ pint " —Hickox, medium late.....	08
½ pint " —White Evergreen, later .....	08
1 packet <b>Cucumber</b> —Earliest of All.....	05
1 packet " —The Mimms .....	10
1 ounce " —Boston Pickling. (for pickles)....	12
1 packet <b>Kohl Rabi</b> —White Vienna.....	05
1 packet <b>Lettuce</b> —May King (early) .....	05
1 packet " —Iceberg, (later).....	05
1 packet <b>Musk Melon</b> —Emerald Gem, early and very sweet .....	05

1 packet <b>Watermelon</b> —Harris' Earliest, best for the North.....	\$0 05
½ ounce <b>Onion</b> —Yellow Globe Danvers .....	10
1 packet " —Silver Skin, white.....	05
1 packet <b>Parsley</b> —Dwarf Perfection .....	10
1 ounce <b>Parsnip</b> —Harris' New Model.....	10
1 quart <b>Peas</b> —Surprise, early.....	45
1 quart " —Alderman, medium late .....	40
1 quart " —Horsford Market Garden, late .....	35
1 packet <b>Peppers</b> —Giant Crimson (new), large and mild .....	10
1 ounce <b>Radish</b> —Early Scarlet Globe.....	10
1 ounce <b>Salsify</b> or Vegetable Oyster .....	12
1 ounce <b>Spinach</b> —Long Season.....	08
1 packet <b>Summer Squash</b> —Early Bush Crookneck .....	05
1 packet <b>Winter Squash</b> —Delicious.....	05
1 packet <b>Tomato</b> —Bonny Best.....	10
1 packet " —Success .....	05
1 packet <b>Turnip</b> —Red Top White Globe.....	05
1 packet " —Golden Ball.....	05

Regular price.....\$4 26

Special price for this collection **\$2.85**.

### Discounts and Premiums

When garden seeds are ordered at the prices quoted in this catalogue, we will allow the following discounts and premiums:

*Send us one dollar (\$1.00) for seeds in PACKET or OUNCES and we will send you 35 cents worth of seeds in PACKETS of your own selection. In this way you get \$1.35 worth of seeds for \$1.00 and can choose the kinds yourself.*

This applies only to orders accompanied by cash remittance, and does not apply to orders for seeds in larger quantities than packets and ounces.

*On all orders for Garden and Flower Seeds amounting to \$2.50 or more we will allow a discount of 10% if the order is accompanied by a cash remittance to cover the full amount less the discount.*

This applies to any general order for garden and flower seeds in any quantities, but does not apply to orders for only one or two kinds of seed. It also does not apply to farm and grass seeds, potatoes by the barrel or sack, fertilizers or tools.

We cannot allow both the above discounts on one order—you can take either the first or second discount but not both.

# Harris' Specialties in Vegetable Seeds

We wish to attract special attention to the seeds described on the few pages preceding our regular catalogue of all varieties.

These special strains and varieties have all proved superior to ordinary kinds in our trial grounds and in many cases in the hands of our customers who have tried them in a practical way on a large scale.

Most of these seeds are of our own growing and have been selected and "bred" with the greatest care and should not be confused with seeds grown under the ordinary contract methods, where the efforts of the growers are to get the largest possible quantity of seed regardless of its quality.



Field of Copenhagen Market Cabbage. (Photograph)

## Copenhagen Market Cabbage

This new early Cabbage from Denmark has created quite a sensation among cabbage growers who have tried it or seen it growing. From our own tests of it in our trial grounds we should judge it will prove a very valuable variety for both early and main crop.

The heads are nearly round or slightly flattened, very hard and heavy. The growth is compact, there being few outside leaves so the plants may be set close together.

In our trial grounds the Copenhagen market headed a week earlier than Enkhuiizen Glory and almost as soon as Jersey Wakefield. The heads are not quite as large as the Glory but are harder and mature a little earlier.

Early cabbage is usually sold at so much a head. As this cabbage makes a very compact growth a great many heads can be raised per acre and therefore this variety will bring in more money than a larger cabbage which requires more room.

The most remarkable point about this cabbage is its uniformity—every plant under normal conditions will produce a good, solid head and every head as like another as two peas in a pod. The heads mature all at the same time so the crop can be cleaned up within a short time after the first heads mature.

We advise all growers of early cabbage to give this variety a trial this season. Pkt. 10c; oz. 40c;  $\frac{1}{2}$  lb. \$1.30; lb. \$5, postpaid.

## NEW "EVER-READY" CABBAGE

We have been much impressed with the value of this new cabbage in our trial grounds the past two seasons. No other variety produced so perfectly uniform a crop of large, solid, heavy heads.

Every plant we had growing produced a good head.

The heads are almost round, being very deep through, of large size and extremely hard. The leaves are dark green and the plant is strong and healthy, standing hot weather well.

This variety much resembles the Volga but is larger and more uniform.

The heads form early but do not crack until long after they are perfectly solid and ready to harvest, so they can be cut early or late as preferred; hence the name "Ever-Ready."

We advise our customers who want a large cabbage for late fall use or market to try this new kind. Pkt. 10c; oz. 50c  $\frac{1}{4}$  lb. \$1.25; lb. \$4.75, postpaid.

## Enkhuizen Glory Cabbage

This remarkable early cabbage is increasing in favor among gardeners every year. Since we first sold the seed in 1908 we have received a great many words of praise for it and not one word against it.

This cabbage is as early as Charleston Wakefield and grows twice the size. The heads are as round as a ball, very solid and heavy, often weighing 10 lbs. or more. It has few outside leaves and will bear close planting.

Early Wakefield will come into market a week or two ahead of the Glory, but the Glory will be ready when the Wakefield is half gone and will sell for twice as much per head. It is as early as Eureka or Maule's First Early and very much larger.

This is not only a great cabbage for early market, but it is also a most profitable variety to raise for fall use. If the plants are set out in this locality (Western New York) the middle of July the cabbage will mature ready for market in October and immense crops can be raised. On good soil every plant will produce a large, solid head weighing 8 to 10 lbs., or over 20 tons per acre. The heads are about the same shape as Danish Ball Head and nearly as hard, although they will not keep as well when stored over winter.

We have an exceptionally fine strain of this cabbage that produces heads of uniform type, large size and very solid, and every plant will make a good head.



Enkhuizen Glory Cabbage.

Price pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 65c; lb. \$2.50, postpaid.

### WHAT GARDENERS SAY OF THE GLORY CABBAGE :

**Sold for 48c per Head.** "Your Glory cabbage is in a class by itself. I cut cabbage as early as other gardeners, but theirs, the Early Wakefield, after laying in stores twenty-four hours was soft as a rag. Sold mine at 4c a pound, and they ran in weight from 6 to 12 pounds, 48c for one head—that is something. Have one on the scales now, weight 14 lbs. 6 ozs."—JOHN J. DANSRO, Rutland, Vt., August 5, 1911.

**Best for Sauer Kraut.** "I bought 6 tons of Enkhuizen Glory cabbage raised from your seed and never had such cabbage, small heart, fine green and the best all around cabbage that I ever used."—R. A. BARTON, Watertown, N. Y.

"Again your Glory cabbage takes the cake. We take our second load to Malone to-morrow at \$1.00 per dozen, two or three weeks ahead of any other cabbage in this country. Your strain this year is the best you have sold; very uniform in type and large size, many weighing 6 to 8 pounds."—F. & H. P. LANGDON, Constable, N. Y., July 18, 1910.

"The Glory cabbage seed that I received of you last spring was all you claim for it and I had splendid success, which got you some orders for it this fall."—JOHN H. CARPENTER, St. Catherines, Ont., August 18, 1910.

"Your Enkhuizen Glory cabbage done fine with me. Was nearly as early as Jersey Wakefield."—JOHN A. WOODBURY, Rutland Co., Vt.

"I want to criticize your description of your Glory cabbage. I raised it last year side by side with early Jersey Wakefield and had heads weighing 4 and 5 pounds just as early as the Wakefield seed sown the same day, same greenhouse, same land. Wakefield is way out of date. You should say so in your catalogue."—LEE W. SERVEY, Watertown, N. Y.

I see in your catalogue that one man had a Glory Cabbage that weighed 17 pounds. I sold one that weighed 19 pounds at the store, all cleaned up ready for use. WM. ELWOOD, Lockport, N. Y.  
March 6th, 1911.

### A New Red Cabbage—"HOLLAND EXPORT"

The advantage this new red cabbage has over the Mammoth Rock Red is that it is earlier and heads more evenly and surely. The heads are perfectly round and resemble Danish Ball Head in all respects except color, which is a deep purplish red.

The plant is of compact habit of growth, heads of medium size, not quite as large as mammoth Rock Red, but the plants can be set out closer together and we think a larger yield per acre can be obtained. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.75, postpaid.

### "Hercules" Brussels Sprouts

Brussels Sprouts are being raised more extensively every year, both for market and in private gardens, and there is a growing demand for a variety that heads more evenly and surely than those commonly used.

We have tried many different kinds for the last few years and the best we have found is a variety called "Hercules". The plants grow about two feet tall and the stem is covered from the ground up with good large, firm sprouts and a large percentage of the plants produce such when given good culture.

Every garden should have some Brussels Sprouts in it. They are very easily raised and make a delicious vegetable late in the fall.

Sow the seed in May and transplant the plants three feet apart as soon as large enough. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 90c; lb. \$3.50.



Hercules Brussels Sprouts

## "Perfected" Snowball Cauliflower

The Best Cauliflower Seed Grown at Half the Price Charged by Other Seedsmen

We have thoroughly tried out all the strains of cauliflower of the Snowball class sold under many different names and can confidently state that the seed we offer is fully equal to the very best and *far superior* to much of the seed that is sold at higher prices than we are charging.

Such Varieties as "Burpee's Best Early," "Henderson's Early Snowball," "Maule's Prize," "Dreer's Earliest Snow-storm," etc., are one and all good strain of Snowball but none of them as grown in our trial grounds from seed obtained direct from the introducers, proved in any way superior to the "Perfected" strain of Snowball we are now offering at less than half the price charged by other dealers for the same seed under a different name.

The seed we offer produces uniformly large, solid, pure white heads with no protruding leaves to mar their appearance. Such cauliflower is a pleasure to raise, to eat and to sell.

For either forcing or main crop this "Perfected" Snowball is the best variety. It matures very early and still has enough leaves to protect the head from the sun.

Ninety-nine plants out of a hundred will make a good head of cauliflower under favorable conditions.

**PRICE.** Pkt. (250 seeds) 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.80;  $\frac{1}{4}$  lb. \$6.75.

## Danish Giant Snowball or "Dry-Weather" Cauliflower.

This is a new strain of Snowball cauliflower that is superior for main crop for fall market. We have never seen finer cauliflower than we raised from seed of this variety. The plants are of more vigorous growth than the Early Snowball, and have more leaves which protect the heads both from the sun and frost. The heads are **very large, heavy and compact** and perfectly snow white, with no protruding leaves. This variety being of a stronger and more vigorous habit than the Early Snowball it withstands dry weather better. The **Danish Giant** requires about ten days or two weeks longer to mature than the Early Snowball, and consequently the plants should be set out earlier, if it is desired to have them head at the same time.

We highly recommend this strain for late fall crop. **Price, pkt. 10c;  $\frac{1}{4}$  oz. 60c; oz. \$2.00;  $\frac{1}{4}$  lb. \$7.50.**



"Perfected" Snowball Cauliflower. (Photograph)

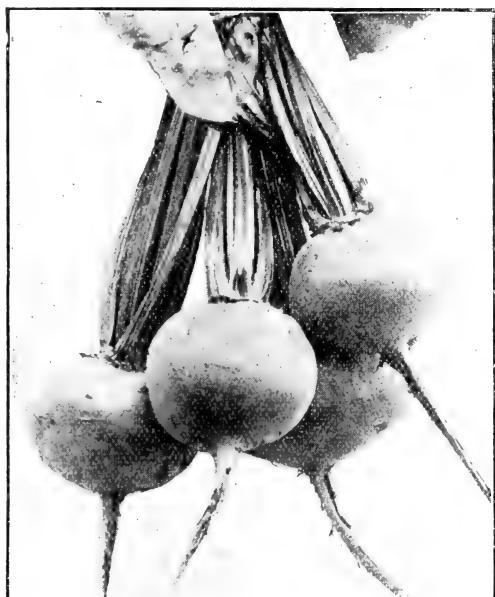
## Crosby's Improved Egyptian Beet Harris' Selected Strain

There is no earlier or better table beet than a first-class strain of Crosby's Egyptian. We have been raising seed of this beet for a number of years, and by taking great pains in selecting the roots used for seed production we have obtained seed that will satisfy the most critical gardener. The beets are nearly **globe-shaded**, as shown in the photograph reproduced here, and are very smooth, with **small tops** and small tap root, and they are **dark red all through**. When selecting beets for raising seed a small piece is cut from each beet, and if the color is not dark red the beet is rejected, and of course a great many beets are rejected for other causes, such as too large tops, poor shape, etc. To raise seed in this careful manner costs a good deal, but we think any gardener can well afford to pay a little more for it than for seed raised in the usual way.

We are sure our strain will be found equal, and in most cases **far superior** to any seed obtainable, no matter what the price.

There are some varieties claimed to be earlier than the Egyptian, but after trying them all we have failed to find one a day earlier than our strain of this variety and most of them are later or inferior in shape and quality.

We offer seed of our own growing from the most carefully selected roots. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.35, postpaid. By express, lb. \$1.25.**



## French's Success Celery

### The Best Celery for Winter Storing

For late use or market during February, March or April we know of no celery equal to this. It requires more time to blanch than some other kinds but it is just this quality that makes it so valuable for storage. If kept cold it will keep in good condition until April.

The stalks are of medium length, very compact, with well developed heart, solid and very crisp, and of superb quality and blanch snow white. The stalks are so brittle and crisp that they require extra care in handling.

**They never grow soft.**

We highly recommend the French Success for winter storing, either for market or home use. There is nothing better.

Since we introduced this variety a few years ago the demand for the seed has increased rapidly, nearly doubling every year, which is the best evidence that it meets the needs of large growers.

This variety is now being offered by other seedsmen who get their seed raised in California at low prices. Such seed is far inferior to our northern grown seed.

We offer seed of our own growing from carefully selected stalks that we are sure will prove satisfactory in every respect.

**Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50, postpaid.**

## Winter Reliance Celery

The stalks are broad and thick and of medium height, not much taller than the Golden Self-Blanching. They blanch easily, pure white on outside with rich yellow heart, and are solid, crisp and never grow hollow or soft. We think this new variety will be found superior to Winter Queen as a green celery for winter market or home use.

The Winter Reliance fills a place between the Golden Self-Blanching and the French's Success, as it blanches quicker than the Success and can be marketed earlier, following closely after the Self-Blanching.

**Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.10; lb. \$4.00, postpaid.**

### French's Success—the Best Celery for Winter Use

## Columbia Celery

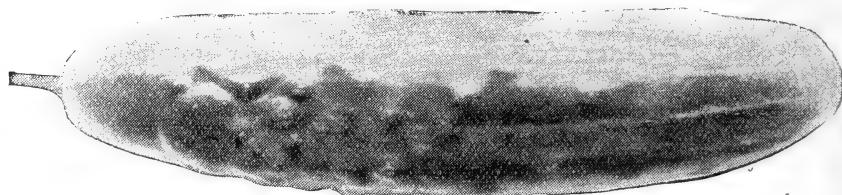
This celery matures rapidly, blanches easily and is a fairly good keeper, but not equal to French's Success in this respect.

It is of the same habit of growth as the Golden Self-Blanching and has the same yellow tinge to the stalks and foliage but keeps better than that variety.

This is a valuable celery to follow Golden Self-Blanching—stored at the same time it will be ready just as soon as the blanching is gone. The stalks are broad, thick and solid and of the highest quality and very attractive in appearance. There has been much inferior seed of this variety sold which has prejudiced some growers against it. But when really well grown seed is used the Columbia is a fine celery and very satisfactory both for home use and market.

The seed we offer has been grown with great care and we are sure will please our customers. **Pkt. 10c; oz 40c;  $\frac{1}{4}$  lb. \$1.10; lb. \$4.25, postpaid.**

## The Mimms Cucumber



**"The Mimms" Cucumber.**

One of our enterprising market gardener neighbors, Mr. J. W. Mimms, has been raising for a number of years, some of the best open ground cucumbers that come into the Rochester market. So fine are these cucumbers and so early, that they are often mistaken for hot-house-grown. The fruit is very long, slender and straight, and deep green. The vines are vigorous, healthy and prolific, and the fruit forms very early and grows rapidly, so that they can be used or marketed nearly as early as the smaller fruited kinds.

This variety has been produced by careful "breeding" for a good many years, and the fruit now is uniform in shape and color practically all being long, slender, straight and of good color. We think those who use this variety will find it superior to any other strain of early cucumbers. The seed we offer is of our own growing from the best lot of cucumbers we ever raised.

**Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.25, postpaid.**

## CUCUMBER---EARLIEST OF ALL

We have tried for some years to get a really satisfactory extra early cucumber. This new kind called "Earliest of All" is the best we have found. It is of the White Spine class, of medium length, straight and regular in shape and of good quality, while it matured earlier than any other kind we had on our trial ground, not excepting the small short kinds. It holds its deep green color well and does not turn yellow even when ripe.

Every one should raise some of these cucumbers for early use, and market growers will find it profitable where earliness is a factor. Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00, postpaid.



Pocahontas Sweet Corn

**Harris Seeds** are well known among the most extensive gardeners in the country and it will certainly be to the advantage of any who are not acquainted with them to give some of our specialties a trial.

Mr. Eugene Smith, Agawam, Mass. writes; "I have used your seeds for 8 years and would say that in all that time I have never had one fault to find. Your seeds have been as near perfect as possible."

## Pocahontas Sweet Corn

The Pocahontas is the largest and finest flavored extra early sweet corn we have ever raised or seen.

Planted side by side with both Red and White Cob Cory it produced ears much larger and fully as early. The only corn that is earlier is Peep o' Day and Early Dawn, which, however, have ears hardly half the size of Pocahontas and are only a few days earlier.

The stalks grow only about 5 ft. high, and nearly all of them produce two great big ears 8 to 9 in. long with 10 rows of very large pure white kernels which are deliciously sweet and tender.

Market gardeners who want to get the largest and finest sweet corn into market ahead of other growers will find the Pocahontas a very valuable kind. It is not only extra early but it has a large, handsome ear well filled out and of the best quality, which can be said of very few early varieties. It is the best extra early corn for home use as the quality is superb.

Our seed is all of our own growing and is carefully selected, all "sports" and poor ears being rejected. We are improving it each year.

Price, Pkt. 10c;  $\frac{1}{2}$  pt. 15c; pt. 25c; qt. 45c, postpaid. By express, no prepaid, pt. 20c; qt. 35c; pk. \$1.65.

"Your Pocahontas corn certainly is the best early corn we ever grew. Early, small stalk to stand drought, large ear on every one, and a great many with two: kernels very white, tender, and quality almost as good as the best Evergreen. It is all you claim for it."—F. & H. LANGDON, Constable, N. Y.

"Your Pocahontas corn beats anything I ever raised before."—REV. T. C. ROBINSON, Owen Sound, Ont.

"The Pocahontas corn is fine, the largest ears on the market at present (Aug. 13, 1910)."—JOHN H. CARPENTER, St. Catherines, Ont.

## Early Dawn Sweet Corn

This new corn is an extra early strain of the Red Cory and matures a week earlier. The ears are 6 inches long and 8 rowed. The stalks grow only about 4 feet high.

The Early Dawn is the earliest corn we had in our trial grounds the past season, maturing some days before Peep-o'-Day and Red Cory, hitherto the earliest kinds we have found.

Those who want to get corn into market at the earliest possible date will make no mistake in planting the Early Dawn.

This is a true sweet corn, but is not of as good quality as some of the larger and slightly later varieties, such as Pocahontas for instance. We therefore do not recommend it for private gardens, but for market where the first corn to come commands high prices the Early Dawn will prove valuable.

Price, Pkt. 10c;  $\frac{1}{2}$  pint 15c; pint 25c; quart 45c, postpaid. By express, pint 20c; quart 35c; peck \$1.75.

## Special Wholesale Price List

We issue a wholesale price list of seeds for Market Gardeners and those who raise vegetables in large quantities for market or shipping.

If you raise vegetables for market and have not already received this price list please drop us a card asking for it.

most extensive gardeners in the country and it will certainly be to the advantage of any who are not acquainted with them to give some of our specialties a trial.

Mr. Eugene Smith, Agawam, Mass. writes; "I have used your seeds for 8 years and would say that in all that time I have never had one fault to find. Your seeds have been as near perfect as possible."

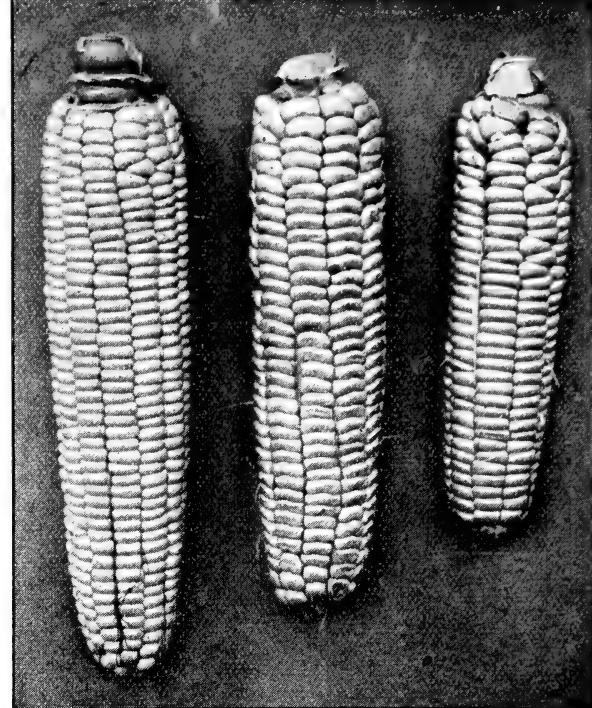
## Mimms' Hybrid Sweet Corn

A very fine, large-eared, medium early sweet corn of high quality.

This corn was originated by one of our gardeners, Mr. J. W. Mimms.

Starting with Perry's Hybrid, one of the earliest of the large-eared varieties, he has succeeded in changing it from a red corn with red cob to a pure white corn with white cob. He has retained all the good qualities of the Perry's Hybrid; that is, large size, earliness and productiveness, and has also added the advantage of a pure white corn and **exceptionally fine quality**, which the original did not possess.

The ears are **very large**, often nearly a foot long, with 10 to 12 rows of large white kernels that are very sweet and delicious. The ears are longer than Stowell's Evergreen and not quite so large around. They mature long before Evergreen and always command a good price in market, on account of their large size and high quality.



Mimms' Hybrid      Pocahontas      Mammoth White Cory  
(Photograph showing comparative size of ears)

The stalks grow 7 feet tall and produce nearly twice as many ears per acre as the Evergreen.

Gardeners will do well to try this new strain. We are quite sure they will find it a valuable second early kind to come between the small extra early varieties and Evergreen.

**Price, Pkt. 10c;  $\frac{1}{2}$  pint 15c; pint 28c; quart 50c, postpaid. By express, pint 20c; quart 35c; peck \$1.75.**

## "BUTTERCUP"---A Delicious Yellow Sweet Corn

For quality—that is sweetness, flavor and succulence—we have never seen a corn quite equal to the "Buttercup."

Like the now well-known Golden Bantam, the "Buttercup" is a yellow sweet corn. The kernels are as yellow as June butter. This is an objection to it as a market variety, as people who do not know better think it old and tough because it is yellow; but for home use and a discriminating trade we think the "Buttercup" will be found very acceptable.

The ears are of good length (8 to 10 inches) and have 8 to 12 rows of large kernels of a rich butter yellow, and are most deliciously sweet, succulent and tender. It is medium early and quite prolific.

Compared with Golden Bantam the "Buttercup" has a larger ear and is of better quality and nearly if not quite as early.

We advise all our customers who appreciate good sweet corn to give the "Buttercup" a place in their garden this season.

**Price, Pkt. 10c;  $\frac{1}{2}$  pint 15c; pint 28c; quart 50c, postpaid. By express, not prepaid, pint 20c; quart 35c; 4 quarts \$1.00; peck \$1.75;**

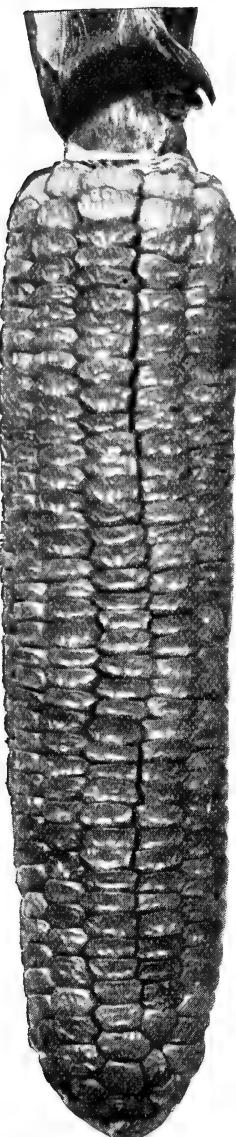
## New "Wayahead" Lettuce

A new early head lettuce that grows remarkably fast and produces good large heads earlier than any other kind of equal size we have ever grown. It is fully as early as May King and of larger size and better quality.

The heads are of the Salamander type, light green blanching to cream yellow in the center of the head. They form **very early** and uniformly and are of the highest quality. The leaves are slightly wrinkled or blistered like Salamander and the heads are large, firm and of attractive appearance.

From our trials of this lettuce for two years we are convinced that it is a valuable variety and we are sure our customers will be pleased with it for growing in the open ground. **Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00, postpaid.**

Mr. Wm. L. Beekman, Jamesburg, Pa., writes: "Last year was a season of drought, but the seed I purchased of you, without exception, came up and gave me the best results I have had in 12 years."



Buttercup Sweet Corn

## Holyrood Hot-Weather Lettuce

We have raised this new head Lettuce for two years and have been much pleased with it. Gardeners who tried it last season are enthusiastic in its praise. The heads are very large, compact and of the very finest quality and they stand longer without running to seed than any kind we know of. It is especially valuable for summer use as it stands hot and dry weather remarkably well. The heads are deeper green than Salamander and somewhat resemble the Deacon Lettuce, which they also resemble in quality, having the rich buttery flavor so much prized in that variety.

Gardeners who want to raise the finest head lettuce in the open ground should give this new kind a trial. We have some carefully grown seed of our own raising.

Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 85c;  
lb. \$3.25, postpaid.

### New Bohemian Horse Radish

An agent of the U. S. Department of Agriculture some years ago discovered a variety of horse radish in Bohemia called "Maliner-Kren" which in many ways is much superior to the common kind. He brought some roots to this country and it has proved to be of great value.

The roots grow faster and mature earlier than the common kind. The roots grow larger and yield nearly a third more per acre and are of better quality. The roots of the Bohemian dug in October are larger and of better quality than the common kind dug in the spring when they are at their best. All growers of horse radish should try this new kind. There is money in it.

Sets by mail, 40c per doz.; 50 for 85c. By express, 50 sets, 50c; 100, 85c; 1000, \$6.00.

### Irondequoit Musk Melon.

#### An Improved Strain of Surprise.

This melon has been grown for a number of years by market gardeners near Rochester, and has proved so superior in every way that at present there is practically no other variety grown for that market.

The melons are nearly perfectly round, ribbed and covered with netting, as shown in the photograph reproduced here. The flesh is orange colored, thick, sweet and of fine flavor. The melons grow quite large and are of handsome appearance. It is the finest strain of melon of the "Surprise" type we have ever seen. "Tip-Top" is another strain of this type, but the Irondequoit is larger, netted better and is of finer quality and superior in every way.

One great advantage of this variety is that the melons will stand shipping better than other large kinds. They are quite firm and stand up well.

They are not quite as firm and hard as the Rocky Ford Melon, but are better in this respect than almost any other large variety. They ripen medium early, and the vines are healthy and prolific.

We have a very fine strain of this seed of our own growing. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 70c; lb. \$2.50, postpaid.

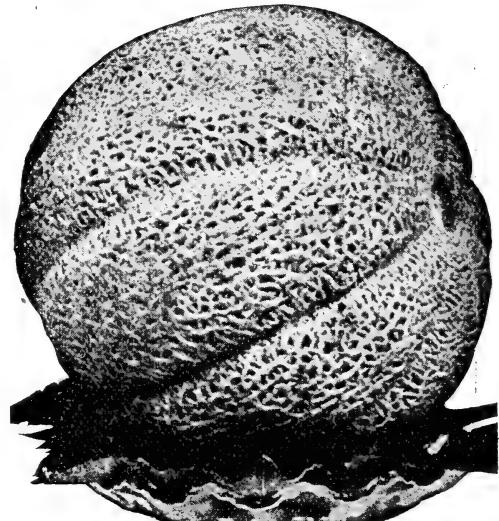
### Perfected Strain of OSAGE Musk Melon

The Osage or Miller's Cream is one of the best and most popular musk melons grown. The trouble has been to get really good seed that would produce melons of uniform size, shape and quality. We are pleased, therefore, to be able to offer a limited quantity of seed of a very pure, well bred strain that has been grown for many years by one of the most careful growers in the country, who furnishes melons to some of the most exacting New York and Boston hotels.

These melons grow uniformly of good size, weighing about 5 lbs., are oval in shape, deep green and somewhat netted; flesh very thick, orange yellow and of very high flavor. This strain has been grown from carefully selected melons for so long a time that it produces an almost perfectly uniform type of melon, instead of many different sizes and shapes as come from most of the seed that is sold. Gardeners who want first class Osage Melons, either for home use or market, should try this seed. It will certainly please them. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 70c; lb. \$2.50, postpaid.



Holyrood Hot-Weather Lettuce.



Irondequoit Musk Melon.

## The Famous MONTREAL Musk Melon

Those who visit Montreal in the melon season come back enthusiastic about the delicious melons grown there. So famous are these melons that they are sent to Boston and other large cities and sold at high prices, a single melon often selling for \$2.00 or more.

The seed of these melons is not usually offered for sale but through the kindness of a friend living in Montreal we got a few seeds of the very best strain there grown. From these seeds we raised some of the most remarkable musk melons we have ever seen. Melons as large as a half bushel measure and weighing over 30 lbs., were growing in great numbers all over the vines. **The largest melon weighed 37 lbs.**

The melons are almost perfectly round, deep ribbed and well netted. The flesh is **very thick**, light green, and when well grown in a favorable climate, of delicious flavor.

The best way to raise these melons is to start the plants in a hot bed or greenhouse as described in our pamphlet on culture of vegetables. Free if you ask for it. **Pkt. 20c; oz. 75c.**

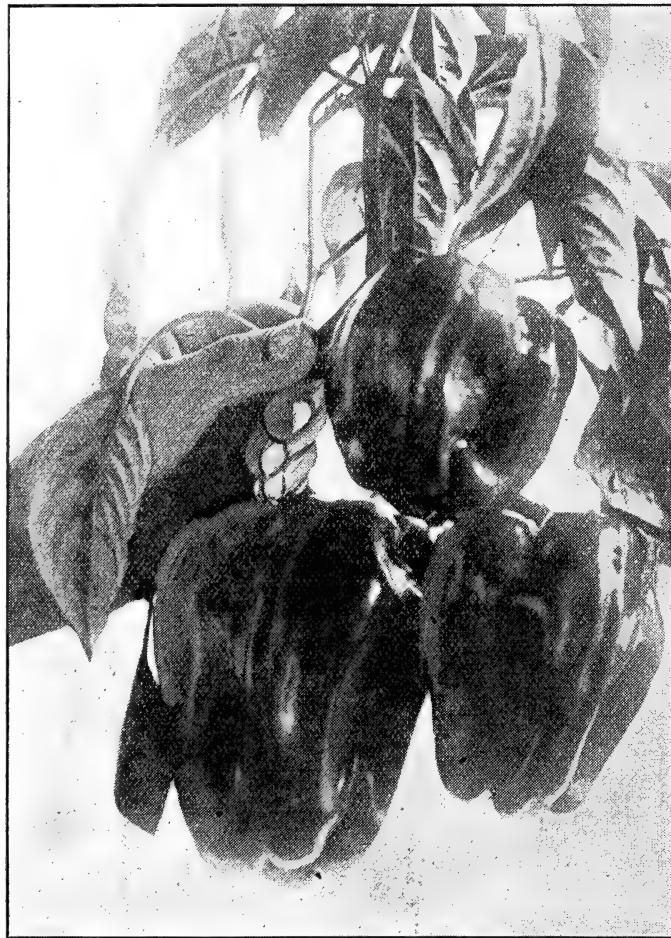
## New Early Pea---"LAXTONIAN"

This new pea is from the originator of Thomas Laxton and Gradus and it is claimed will supersede both these excellent kinds. It has pods as large as Gradus and is as prolific and hardy as Thomas Laxton and fully as early. The peas are of the **highest quality**, fully equal to Gradus and Telephone.

The vines grow 2 to 3 feet tall and produce good crops of large, handsome pods **very early**.

The supply of seed this year is so limited we can offer it only in small quantities. We want all who are interested in good peas to try this variety on a small scale this season.

**Price—½ pint 20c; pint 35c; quart 65c, postpaid. By express, pint 25c; quart 50c.**



Giant Crimson Pepper.

## Giant Crimson Pepper

This new pepper has proved to be the best of the large fruited sweet varieties. It is **as large as Chinese Giant, and much earlier and more prolific**. It is larger than Ruby King and of better shape and more productive. The shape of the peppers is shown in the photograph reproduced here. We have picked many that stood 7 inches high and weighed over a pound each. A dozen of these immense peppers are often seen on a single plant. The flesh is very thick, and so mild and sweet that it can be eaten like an apple. This is the best large, sweet pepper we have tried and we highly recommend it both for market and home use. We offer seed of our own growing from the largest and best fruit.

**Pkt. 10c; oz. 50c; ¼ lb. \$1.50, postpaid.**

## New "Giant Cayenne" Pepper

The largest and best hot Pepper for flavoring pickles, salads, etc.

Those who are familiar with the small hot Cayenne pepper will be surprised to see this new variety which has peppers three or four times as large as the old kind. They are as large around as a half dollar and 3 to 4 inches long. They have the same sharp, hot flavor which makes the Cayenne pepper so valuable for pickles and flavoring.

This new variety is the best hot pepper we have ever seen, and we are sure gardeners will find it very profitable. The plants are vigorous and produce a great many peppers.

**Pkt. 10c; oz. 25c; ¼ lb. 75c.**



New "Giant Cayenne" Pepper.

## Harris' New Model Parsnip



Harris' New Model Parsnip. (Photograph)

We have been improving the old Hollow Crown Parsnip by careful selection for some years until we have obtained a very fine strain which we call "Harris' Model." The shape is shown in the photograph above.

The parsnips grow to a good length, but not too long. The roots are smooth, snow white, and have practically no side roots or prongs. Their whiteness is quite remarkable and gives the roots a very attractive appearance.

The seed we offer is all of our own growing from very carefully selected roots and will be found far superior to the seed usually sold.

Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.20, postpaid. By express, lb. \$1.10.

**Set Out An ASPARAGUS Bed.** There is nothing that can be raised in a garden that will give more satisfaction than a good Asparagus bed. The Asparagus comes up early in the spring when there are few other vegetables and is doubly welcome on that account.

Asparagus is much easier to raise than most people think. It is not necessary to make any special preparation of the soil other than would be necessary for any other garden crop. The land should be made rich with manure and fertilizer—both are better than either—and plowed or spaded a foot deep. That is all that is necessary provided the soil is fairly good and not heavy clay.

**The most important** point is to get really first-class roots. The roots sold by most dealers are not well grown and never give the best results. An Asparagus bed once well established will last, with good care, 20 years and it pays to start right.

We have long raised large quantities of Asparagus Roots and have learned how to produce the very largest and best roots which are strong and vigorous and give the very best results. We have this year some of the best 2-year-old roots we ever raised and now is the time to get them and start a bed. No older roots than 2 years should ever be used. The variety you use is of little consequence. The quality of the roots and the culture given for the first few years is what counts.

Full directions for setting out Asparagus and its culture are given in our little pamphlet on the cultivation of Vegetables and Flowers, a copy of which will be sent to any one who sends us an order for roots—if requested.

**Price of best 2-year-old Asparagus Roots.** 50 roots 65c; 100 roots \$1.00; 1,000 roots \$6.50. To be sent by express or freight at purchaser's expense. The roots should be set two feet apart—200 roots make a nice bed for an average family.

## EARLY DETROIT TOMATO

Many gardeners have felt the need of a pink fruited, early tomato. There are plenty of good late pink varieties but very few good early ones.

This new variety, therefore, will be welcome. The fruit is of good size, smooth as an apple and ripens medium early, being considerably earlier than Beauty and Trucker's favorite. The vines are healthy and very productive and the fruit is free from cracks and ripens evenly all over. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 80c; lb. \$3.00, postpaid.

## Harris' Selected EARLIANA Tomato

The Earliana, in our opinion, is far and away the best extra early tomato now grown—if you get the right strain of seed. This tomato as we raise it is as smooth as an apple, is well colored around the stem and is very solid, heavy and of the very best quality and the vines are wonderful prolific, and with all it is the earliest variety grown.

There has been a great deal of seed of inferior strains of Earliana sold which produces rough fruit, green around the stem and of inferior quality. Gardeners who have been using such seed do not know what a fine tomato a really first class Earliana is.

The seed we offer is all of our own growing, saved from the very best smooth tomatoes and will be found far superior to the seed usually sold. (See the letter from a large market gardener below.) We try every year in our trial grounds many different strains of Earliana tomato offered by other seedsmen but have not found one that is either earlier or better in any way than our own selected strain of this variety, except the new "extra early" strain described below. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 95c; lb. \$3.50, postpaid.

*"I am a market gardener and am willing to pay the price for the very best seeds. Your Earliana and Bonny Best tomato seed is as good as the very best. A seedsman from Philadelphia saw my patch of Earlianas grown from your seed last summer and gave me \$5.00 for a pound of the seed. There was not a sport among the Bonny Best."*

Pedricktown, Jan. 26, 1910.

ALEX. PEDRICK.

## New EXTRA EARLY Earliana Tomato

We are glad to be able to offer our customers this season a new strain of the popular Earliana Tomato that is a week earlier than the old strain of this variety.

This new strain was developed by one of our customers in the extreme northern part of New York state where it is necessary to have very early varieties as the season's are short.

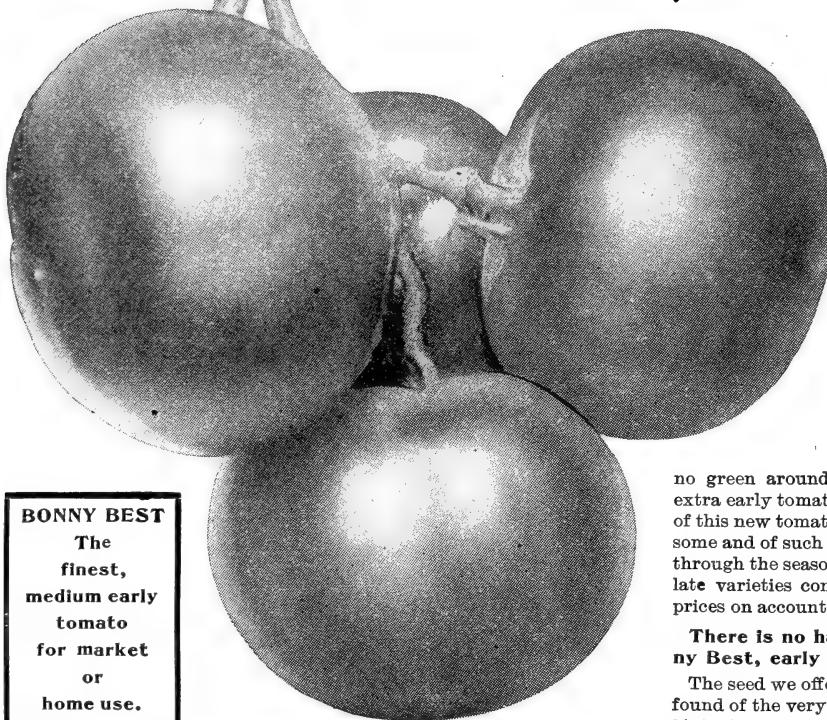
The fruit not only ripens extremely early, but it is also very solid and colors well all over. The tomatoes are so solid that they produce very little seed—less than half as much as the ordinary strain of this variety.

We had quite a lot of plants of this new strain growing side by side with several other strains from different sources, including our own seed, all with same treatment in every way. The new strain ripened a week earlier than any other and produced a good picking of ripe fruit before any had ripened on the other plants.

Where extreme earliness is desired we advise all gardeners to use the new strain. The plants are hardly as vigorous as our own strain of this variety but they produce big crops on rich land.

We have a limited quantity of seed of our own growing from a very fine lot of fruit and we are sure it will please our customers who use it. **Pkt. 15c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75, postpaid.**

## "Bonny Best" Tomato



**BONNY BEST**  
The  
finest,  
medium early  
tomato  
for market  
or  
home use.

This tomato is very early and yet the fruit is as large, smooth, solid and well colored as the best late varieties. The objection to extra early kinds hitherto has been that the fruit is not as smooth or well colored as the later varieties, and therefore does not sell as well after the better fruit comes into the market. The "Bonny Best," however, can compete with any tomato grown, either early or late.

The Bonny Best is not quite as early as the Earliana, of the best strain, but it will ripen some fruit fully as early, and the bulk of the crop but very little later. It has much more healthy and vigorous vines than Earliana, and is very prolific. On good soil the ground is literally covered with beautiful, large, smooth tomatoes, of the most brilliant red, colored evenly all over—

no green around the stem, as in the case with all other extra early tomatoes of good size. The great advantage of this new tomato is that the fruit is so large and handsome and of such fine quality it will bring the top price all through the season. With any other early kind after the late varieties come into market, you have to sell at lower prices on account of the inferior size and color of the fruit.

**There is no handsomer looking tomato than Bonny Best, early or late.**

The seed we offer is all of our own growing, and will be found of the very highest quality. **Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.85, postpaid.**

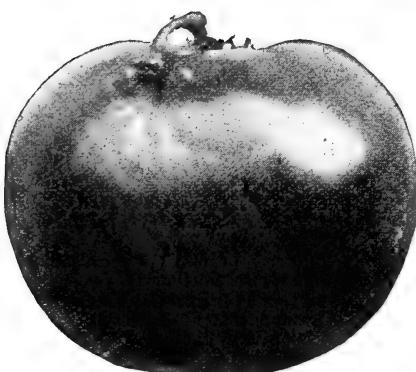
**Chalk's Early Jewel.** This is one of the very best medium early varieties. It is a week or two later than Earliana, has perfectly smooth round fruit with less green color around the stem than Earliana. The fruit is deep red, solid and of high quality. It is so solid and of such good color that many large canning factories use it in preference to the later varieties.

Our selected strain of Chalk's Jewel is very fine and will produce fruit of uniform color, smooth and of large size. There is no finer strain to be had anywhere. **Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 80c; lb. \$3.00, postpaid.**

**Stone.** You may have raised so-called Stone Tomatoes, but unless you have had our selected strain, or one as good, you do not know what grand fruit this variety can produce. The seed we offer is of our own growing, and will produce perfectly smooth, very solid and heavy fruit, without cracks and perfectly colored. There is no finer tomato, but it is rather late for the Northern parts of the country. **Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.75.**

**Success.** This is certainly one of the best main crop, deep red tomatoes either for home use or market. It is also excellent for canning. It is medium early, being considerably earlier than Stone which it most resembles in other respects.

Our strain of this excellent main crop variety is "gilt edged." We have improved the variety very much, and now have seed that will produce perfectly smooth, regular fruit, of even color all over and without cracks. The demand for our strain of this tomato is increasing every year. Selected seed of our own growing. **Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 80c; lb. \$3.00.**



**Chalk's Early Jewel Tomato.**

## COMPLETE LIST OF

# Harris' Vegetable Seeds for 1912

The various kinds of seeds are arranged in alphabetical order. That is, names commencing with "A" like Asparagus, come first, followed by those beginning with B, C, etc., so that any vegetable wanted can be easily found.

**Seeds Delivered Free.** At the prices quoted in this list we send the seeds by mail or by express at our expense, without any cost to the purchaser, **excepting such prices** as are preceded by the words "By Express." This means that when ordered at that price the seed is to be sent at the expense of the purchaser, and so must be sent by express or freight and not by mail. Deduct 10c per lb. from "mail" prices if the seeds are to be sent by express or freight at the purchaser's expense.

**Direction for Cultivation.** We issue a little pamphlet called "Cultivation of Vegetables and Flowers," which will be sent free with all orders amounting to 50c or more if requested.

## ARTICHOKE

The French or Globe Artichoke is largely used as a vegetable and is entirely different from the tuberous or Jerusalem Artichoke. The Globe Artichoke is a perennial and produces the flower buds, which are used for food, the second year after sowing the seed North of Virginia the plants require protection in winter. The seed is sown early in the Spring.

**Large Green Globe.** The standard variety. **Pkt. 10c; oz. 35c; ¼ lb. \$1.00.**



Two-Year Old Asparagus Root as Grown at  
Moreton Farm. (Photograph)

**2-year-old roots, postpaid, per doz. 45c.** By express, **50 roots 65c; 100 roots \$1.00; 1000 roots \$6.50.**

**PALMETTO.** We can furnish both 1-year-old and 2-year-old roots of this variety at same prices as for Giant Argenteuil quoted above. Price on larger lots will be quoted by letter.

## ASPARAGUS

**Asparagus Seeds.** To raise Asparagus from seed the seed should be sown early in the spring. One ounce of seed will sow 75 feet of row and produce about 250 plants. The plants may be set in the permanent bed when either one or two years old.

**Giant Argenteuil.** A French variety, said to be larger than any other kind. It is becoming very popular in this country where known. We offer seed imported by ourselves direct from France. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.** By express, **lb. 50c.**

**Conover's Colossal.** The old standard sort. **Pkt. 5c; oz. 10c; ¼ lb. 18c; lb. 50c.** By express, **lb. 40c.**

**Palmetto.** This is one of the best varieties. It produces large, light green shoots early in the season, and is said to be less subject to rust than any other kind. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 55c.** By express, **lb. 45c.**

**Asparagus Roots.** We raise large quantities of Asparagus roots on our own farm, and can furnish roots that are much **larger and stronger** than those usually sold. They are raised from thin seeding and given the best of care so they are **large, strong and vigorous**. Many roots that are sold at low prices are raised by sowing the seed thick and so getting more roots per acre, but they are always poor, small and weak and never produce good results. It is of the **greatest importance** to have large thrifty plants to start with. Poor plants will never make a good bed. For family use 100 roots set out two feet apart will make a fair size bed. If good 2-year-old roots are used cutting may commence the following spring after setting—not the first year.

**GIANT ARGENTEUIL.** **1-year-old roots, postpaid, per doz. 25c; 50 roots 75c; 100 roots \$1.25.** By express, **50 roots 50c; 100 roots 75c; 1000 roots \$4.00.**

**Long Island Improved Dwarf.** A popular variety on Long Island, where this vegetable is grown on a large scale for market. **Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.25.**

**HERCULES.** A new variety from Holland that has proved to be the best variety in our trial grounds. Form large solid sprouts that cover the stem. Grows to a medium height and produces large yields. This is the best variety we have found, either for home use or market. **Pkt. 10c; oz. 30c; ¼ lb. 90c.**

**PLANTS.** We can furnish Brussels sprout plants at proper time for transplanting. See Plant Department last pages of this catalogue

## Brussels Sprouts

A delicious vegetable that is becoming very popular in all large markets. It should be more largely grown in private gardens, as it affords fresh green sprouts in the late fall and winter when other vegetables are gone. It is cultivated like cabbage. The sprouts that grow along the stem are picked off and cooked like cabbage or cauliflower and are very delicate and fine flavored.

**Long Island Improved Dwarf.** A popular variety on Long Island, where this vegetable is grown on a large scale for market. **Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.25.**

**HERCULES.** A new variety from Holland that has proved to be the best variety in our trial grounds. Form large solid sprouts that cover the stem. Grows to a medium height and produces large yields. This is the best variety we have found, either for home use or market. **Pkt. 10c; oz. 30c; ¼ lb. 90c.**

**PLANTS.** We can furnish Brussels sprout plants at proper time for transplanting. See Plant Department last pages of this catalogue

One quart of seed will plant  
150 feet of row.

## Dwarf Beans

$\frac{3}{4}$  to 1  $\frac{1}{2}$  bushel of seed  
per acre.

**Notes on Varieties.** Of the *Wax or yellow podded* garden beans, **Valentine Wax** is the earliest, is very prolific and of fine quality. The new **Michigan White Wax** has pure white beans which can be used for baking when ripe, while the pods are of fine quality when young. **Wardwell's Kidney Wax** is early, and has very long flat pods, while **Round Pod Kidney Wax** differs only in shape of the pods, which are round instead of flat. The new **Hodson Wax** is two weeks later, more vigorous and prolific, and is free from rust and blight. **Davis' White Wax** is early and prolific, and the pods resemble Wardwell's Kidney Wax, but are not of as good quality. **Currie's Rust-Proof** has short, thick, deep yellow pods, of fine quality and nearly rust-proof. The dry beans are black. The **Improved Rust-Proof Golden Wax** has straight, flat pods of medium length, and is quite free from rust. **Crystal Wax** has small, round, very light green or nearly white pods, which are of the finest quality. It matures two weeks later than Valentine Wax, and is excellent to follow that variety for home use.

Of the *green-podded* garden varieties, **Burpee's Stringless Green Pod** is one of the earliest and of fine quality, with large round stringless pods, light green and nearly straight. **Giant Stringless Valentine** is more prolific, has large, stringless, light green pods of high quality. The **Black Valentine** is just as early, has pods fully as long, but not so thick, and is not of quite as fine quality, but is very prolific. **Bountiful** is a few days later, has long, slender, flat pods of the finest quality, and perfectly stringless. Continues in bearing a long time and is very prolific. **Refugee** is later and has long, straight, round, light green pods, of fine quality when young.

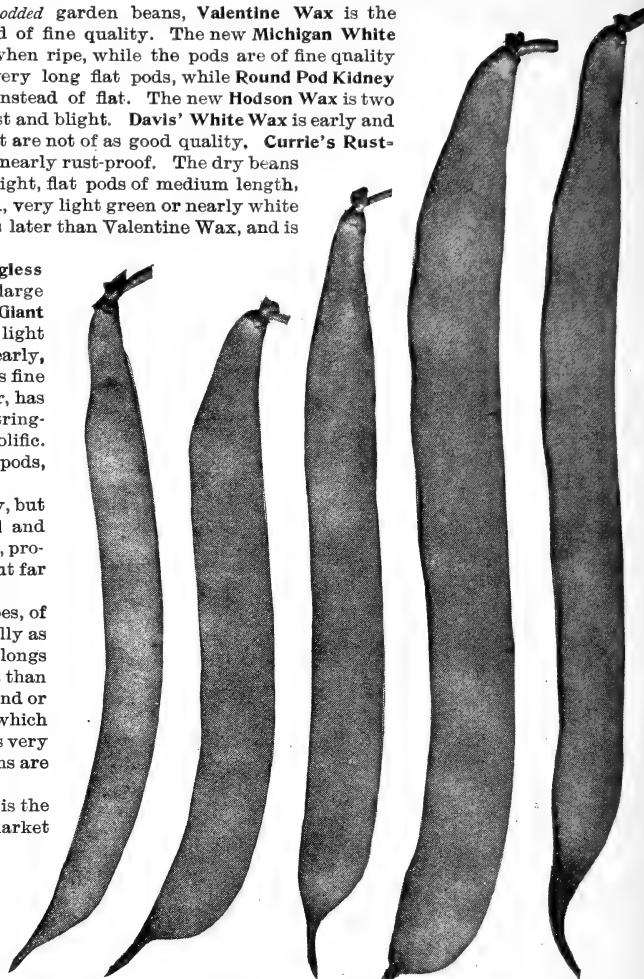
For shelling green, Dwarf Limas are of the best quality, but are more difficult to raise than **Ruby Dwarf Horticultural** and **Goddard or Boston Favorite**, both of which are very hardy, prolific and easily raised, and of fair quality for succotash, but far inferior to Limas.

Of **Dwarf or Bush Limas** there are three distinct types, of which Burpee's is the largest, having large, flat beans, fully as large as those of the old pole Limas. Burpee's Improved belongs in the large Lima class, but has thicker and heavier beans than the old strain. **Deer's** and the new "Fordhook" have round or "potato" beans, and **Henderson's** has small, flat beans, which mature a little earlier than the other two. Henderson's is very hardy and prolific, and will succeed anywhere, but the beans are only half the size of Burpee's.

Of **FIELD BEANS**, the **Boston Marrow** or **Marrowfat**, is the largest white bean, and always brings higher prices in market than the smaller **Marrow Pea** bean, which is earlier and more prolific. In favorable seasons and on good soil, Boston Marrow will produce large and profitable crops, and the same may be said of the **Red Kidney**, which is also later than the Marrow Pea, and requires better land.

**CULTURE.** Garden beans of the dwarf or bush varieties are usually sown in rows 2 feet apart, dropping the seed 2 inches apart in the row. Do not sow until the ground is warm and danger of frost is past.

Valentine Wax      Michigan White Wax      Currie's Rust-proof      Wardwell's      Davis Wax



### VARIETIES OF SPECIAL MERIT.

**VALENTINE WAX BEAN.** We try many kinds of beans every year, but we have yet failed to find one quite as early as Valentine Wax. We think this is the **earliest wax bean** now grown. It is not only early, but it is remarkably prolific, the vines being literally covered with their clear yellow pods, which are as round as a pencil and about the same size and of good length. The seed we offer is of a vigorous and healthy strain, **free from blight and rust or pod spot**. The pods are of the finest quality, being very tender and without strings. See price list next page.

**MICHIGAN WHITE WAX.** The great advantage of this variety is that it has pure white beans which can be used or sold for table use when dry. With this variety you can use the pods for "snaps" as long as they are in fit condition and afterward use all the remaining beans when ripe and dry instead of wasting them. The pods are deep butter yellow and of high quality.

**ROUND-POD KIDNEY WAX.** Has long, straight round pods of a deep yellow color and of fine quality. Matures early and well and is one of the very best round podded wax beans. It much resembles Wardwell's Kidney Wax in all respects, except the shape of the pods, which are round instead of flat.

**GIANT STRINGLESS VALENTINE.** We consider this the best early green-podded dwarf bean with round pods. It is remarkably prolific and the pods are of the highest quality.

**BLACK VALENTINE.** A very prolific green-podded bean that has proved most profitable for market. It produces long, straight, handsome round pods that are free from rust and command the best price in market. Matures very early and the vines are vigorous, free from rust or blight and produce very large yields. See price next page.

**BOUNTIFUL.** A very superior green-pod variety, with long, flat pods that are thick, stringless, and of the very best quality, being tender, meaty and of fine flavor. Although an early variety it continues bearing a long time, so is very valuable for the home garden. Market growers also find it profitable, as the vines are remarkably prolific, yielding an immense quantity during the season. See price list next page.

## Price List of Dwarf Beans.

Four quarts of one variety will be supplied at half the peck price.  
For price per bushel see our Wholesale Price List.

### WAX OR BUTTER BEANS.

	By Mail, Postpaid				By Express		
	Pkt.	½ Pt.	Pint	Quart	Pint	Quart	Peck
<b>Valentine Wax</b> , earliest, round pods, fine quality.....	\$0 06	\$0 15	\$0 25	\$0 45	\$0 17	\$0 30	\$1 70
<b>Michigan White Wax</b> , new. See description above.....	06	15	25	45	17	30	1 70
<b>Wardwell's Kidney Wax</b> , very large flat pods of deep butter yellow. We offer a new "Rust-free" strain.....	06	12	22	40	15	25	1 60
<b>Hodson Wax</b> , very prolific, yielding nearly twice as much as other kinds. Quite late. Pods long, straight and handsome, but of only fair quality.....	06	12	22	40	15	25	1 60
<b>Round Pod Kidney Wax</b> . See description above.....	06	12	22	40	15	25	1 60
<b>Davis White Wax</b> , very hardy and prolific, of only fair quality	06	12	22	40	15	25	1 50
<b>Crystal Wax</b> , late, fine for home use, tender and delicious.....	10	15	25	45	17	30	2 00
<b>Improved Rust-Proof Golden Wax</b> , early and good.....	06	12	22	40	15	25	1 50
<b>Currie's Rust-Proof Black Wax</b> , improved Black Wax.....	06	12	22	40	15	25	1 50

### GREEN PODDED GARDEN BEANS.

<b>New Stringless Green Pods</b> (Burpee's) .....	06	12	22	40	15	25	1 50
<b>Giant Stringless Valentine</b> , the best early green-podded bush bean.....	06	12	22	40	15	25	1 45
<b>BLACK VALENTINE</b> , new, very early and prolific and one of the most profitable market varieties.....	06	12	22	40	15	25	1 40
<b>Bountiful</b> , very prolific and of fine quality .....	06	12	22	40	15	25	1 40
<b>Improved Round-pod Valentine</b> , extra early, very prolific....	06	12	22	40	15	25	1 45
<b>Refugee, or 1,000 to 1</b> .....	06	12	22	40	15	25	1 35
<b>Goddard, or Boston Favorite</b> , for shelling green .....	06	12	22	40	15	25	1 45
<b>Ruby Dwarf Horticultural</b> , better than the old Horticultural	06	12	22	40	15	25	1 60

## A New Bush Lima Bean "Burpee's Improved."

This new strain of Burpee's Bush Lima has beans of larger size and deeper green color than the old strains and the vines are more true to the bush form with fewer runners. The beans are both larger and thicker than the old form and the pods are also larger. Whether the beans are sold shelled or in the pod this new strain will be found superior on account of its larger size and better color.

Price by Mail, postpaid. Pkt. 10c; ½ pt. 17c; pt. 28c; qt. 50c.

Price by Express. Pt. 20c; qt. 35c; 4 qts. \$1.15; peck, \$2.25.

**BURPEE'S BUSH LIMA—New Wonder Strain**—This improved strain bears larger crops and is earlier than the old and original variety. The beans are as large as the pole Limas and of equally fine quality, while they mature earlier and are far less trouble to raise. This is the same as what Burpee calls his "Quarter Century strain." It is the earliest large podded Lima.

Pkt. 10c; ½ pt. 15c; pt. 28c; qt. 50c postpaid.

By Express. Pt. 18c; qt. 35c; pk. \$2.00.

**FORDHOOK BUSH LIMA.** This is a remarkable improvement on the old Dreer's Bush Lima. It is so much better in every way that it will certainly displace the old variety. The pods are larger and contain more beans. The beans are larger and of better quality and deep green in color. The vines are more vigorous and productive and the beans mature earlier.

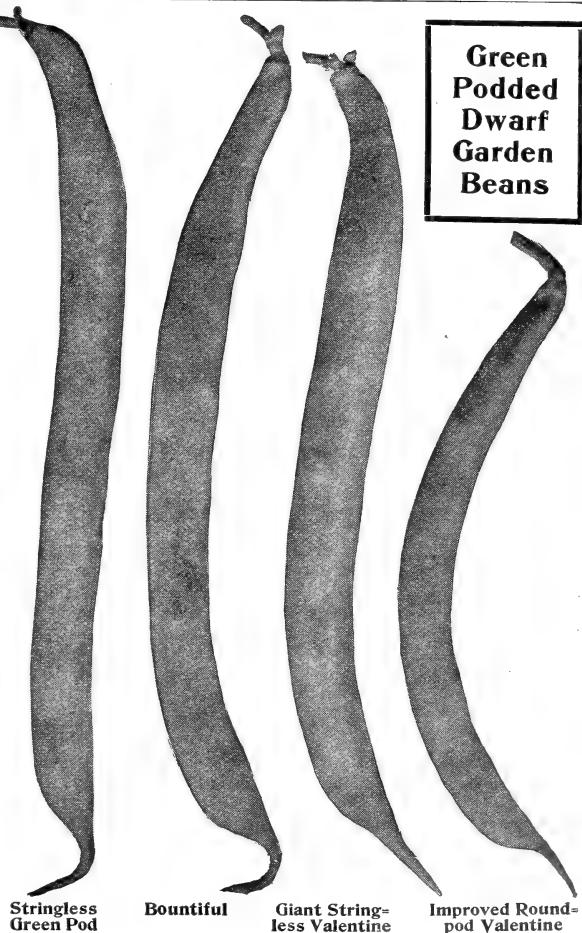
Those who prefer the thick "Potato" Limas will find this new strain far superior to any other.

By Mail, postpaid. Pkt. 10c; ½ pt. 15c; pt. 28c; qt. 50c.

By Express. Pt. 20c; qt. 35c; 4 qts. \$1.25; peck \$2.40.

**DREER'S OR "POTATO" BUSH LIMA**—Large, thick, nearly round beans of good quality. Not as large or prolific as Fordhook, which is superior in every respect. Price same as for Fordhook.

Green  
Podded  
Dwarf  
Garden  
Beans



FIELD BEANS—For Use Dry.	By Mail, Postpaid				By Express		
	Pkt.	½ Pt.	Pint	Quart	Pint	Quart	Peck
<b>Boston Marrow, or White Marrowfat</b> , large plump, white bean of high quality, later than Marrow Pea .....	\$0 06	\$0 12	\$0 22	\$0 40	\$0 15	\$0 25	\$1 10
<b>Marrow Pea, or White Navy</b> , small, early, prolific.....	06	12	20	35	13	20	90
<b>Red Kidney</b> , red, kidney-shaped, late .....	06	12	22	40	15	25	1 10

## Pole or Running Beans

Beans of this class should have some kind of support on which to climb. Poles are usually placed in the ground and the beans planted around them in a circle.

**NOTES ON VARIETIES.** Of the Pole Limas **Early Leviathan** is the earliest and has very large pods and is the best variety for either home use or market. **King of the Garden** is later but has very large pods. **Challenger Lima** has thick, nearly round beans which are large and of good quality. This is an improved strain of Dreer's or Potato Lima and is superior to that old variety in every way. **Golden Cluster Wax** has large, deep yellow pods that are entirely stringless and of the highest quality as a snap bean. It is wonderfully prolific. **Scotia** is a green podded snap bean of very superior quality and remarkably productive. **Kentucky Wonder** is similar to Scotia but is earlier and not of quite as good quality. The pods are very long, deep green and of fine quality when young. **Golden Carmine Podded Horticultural** is a bean that can be used either as a "snap bean" or shelled green like Limas. It is by far the best variety of this class. It has large, yellow, waxy pods that are of excellent quality.

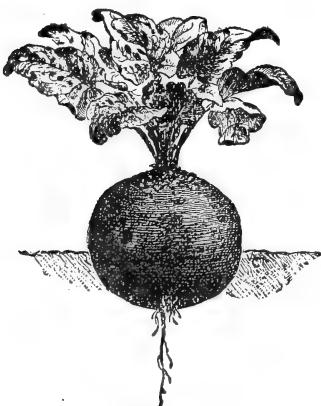
**Scotia Bean.** We introduced this bean many years ago and it has become very popular among our customers. It is certainly a very superior bean for family use. A few hills will furnish delicious "string" beans during August and September when the earlier bush beans are gone. The pods are perfectly round, straight, long and slender and **perfectly stringless** and are of the very highest quality when cooked.

Gardeners find this a profitable variety for market as it produces **immense crops** and can be raised without poles if so desired. See price list below.

### Lima and other Pole Beans

	By Mail, Postpaid				By Express		
	Pkt.	½ Pt.	Pint	Quart	Pint	Quart	Peck
<b>Early Leviathan Lima</b> , the best and earliest large pole Lima	\$0 10	\$0 15	\$0 28	\$0 50	\$0 20	\$0 35	\$1 80
<b>King of the Garden Lima</b> , very large pods and beans .....	10	15	25	40	15	25	1 60
<b>Large White Lima</b> .....	10	15	25	40	15	25	1 60
<b>Challenger Lima</b> —Improved Dreer's or Potato Lima.....	10	15	25	45	18	30	1 75
<b>Golden Cluster Wax</b> .....	10	17	30	55	22	40	.....
<b>Golden Carmine-podded Horticultural</b> .....	10	17	30	55	20	40	2 25
<b>Speckled Cranberry, or London Horticultural</b> .....	10	15	25	45	18	30	.....
<b>Scarlet Runner</b> , ornamental vine, bright red flowers, very handsome .....	10	20	35	60	25	45	.....
<b>Kentucky Wonder</b> , early, green-podded and very prolific.....	10	15	25	45	18	30	1 75
<b>SCOTIA</b> , the most delicious snap bean.....	10	15	25	45	18	30	1 80

Four quarts of any one variety will be supplied at half the peck price.



Eclipse Beet

One ounce of seed will sow  
sixty feet of row.

### Beets

Ten pounds will sow an acre in  
rows 18 inches apart.

Beets can be sown early in the spring, and again a few weeks later for a succession. It is an excellent plan to sow some in July for use in the fall. These young beets can be put in a pit or root cellar and covered with sand, and will keep in nice tender condition for use in winter.

**Crosby's Egyptian, Harris' Selected Strain.** This is one of the earliest, handsomest and best beets for market and home use.

Our selected strain will be found very fine. See page 7. **Pkt. 5c; oz. 15c; ¼ lb. 35c;**  
**lb. \$1.35, postpaid. By express, \$1.25 per lb.**

**Detroit Dark Red.** A medium early globe-shaped beet of excellent quality. It is especially esteemed on account of its dark red color, which extends entirely through the beet, and without the light-colored rings seen in some varieties. The beets are smooth and handsome and are now being largely used for canning as well as for the market. It retains its good quality even after it gets large and is an excellent variety on this account for fall use as well as for spring. We have a very fine strain of this beet, being of uniform globe shape, small tops and very dark red. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.20.** By express, **\$1.10 per lb.**

**CRIMSON GLOBE.** Crop of seed failed.

**EARLY BASSANO.** Large and of excellent quality, rather light in color. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 85c, postpaid.**

**Eclipse.** This is one of the earliest and handsomest beets grown. The beets are globe-shaped, smooth and with very small tops, and are of the best quality. Not of as dark color as Crosby's Egyptian or Detroit Dark Red. We offer a superior strain of seed. **Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.20.** By express, **\$1.10 per lb.**

**Edmunds' Blood Turnip.** A fine strain of the popular Blood Turnip beet. The beets are round and smooth, deep red and of fine quality even when fully grown. Very popular for market as well as for home use. Larger and a little later than Eclipse. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.20,** postpaid. By Express, **\$1.10 per lb.**

**LONG SMOOTH BLOOD RED.** Roots long, smooth and very dark red. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 25c; lb. 90c.** Postpaid.

**EARLY BLOOD TURNIP.** We have an excellent strain of this old favorite. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.** Postpaid.

## Swiss Chard, or Sea Kale Beet

Swiss Chard is a beet grown for its leaves. The mid-rib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring the leaves are soon ready to eat, and will continue to grow all through the summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring.

**SILVER LEAF.** Large smooth leaves with silvery white stems which are tender and of fine flavor. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 25c; lb. 85c**

**LUCULLUS.** A new variety with curled leaves like a Savoy cabbage. The plants grow nearly 2 feet high and the stem and leaves are very large and of the highest quality. It is far superior to the old kinds. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.** Postpaid.

## Mangel Wurzels and Sugar Beets

Most economical and valuable food for cattle and sheep.

There is no crop more valuable for feeding cows and sheep than Mangels and Sugar Beets. Considering the fact that it is easy to raise 40 tons or more per acre and that the whole root is perfectly digestible, there being no waste as is the case with corn stalks or other coarse fodder, there is no other food more economical. Not only this, but cows fed on mangels during the winter will give more and better milk than they will on any other food. Sheep also are much healthier, and ewes with lambs give more milk, and therefore raise better lamb than if fed only dry food. It is the poorest kind of economy to try to get along without them.

**Culture.** Any soil that will raise good crops of corn or potatoes will do for Mangels. Sow in May, in rows 2 feet apart. Seed may be sown with a drain drill, but a hand drill is better. It requires about 8 or 10 lbs. of seed per acre. Plants should be thinned out to one foot apart when a few inches high. Mangels are also easily transplanted and may be sown thickly and the plants set out a foot apart in the rows. In this way you get a perfectly even stand of plants.

### Danish Yellow Giant Mangel.

Yields larger crops than any other variety.

The roots grow to a very large size, of a deep yellow color, and are smooth and handsome, having small tops and very few side roots. They grow over two-thirds above ground, so that they can be harvested with very little trouble.

Although these mangels are not quite as rich in sugar as some of the smaller beets, yet they yield so much more that they produce more actual dry matter per acre than other kinds.

In a trial of the different varieties of Mangels on our farm the contrast between this new variety and other kinds was very marked, the Danish Yellow Giant being far ahead in size and vigor of growth all through the season and yields 100 bushels more per acre than any other kind. **Pkt. 5c;  $\frac{1}{4}$  lb. 20c; lb. 60c,** postpaid. By express, **lb. 50c; 5 lbs. or more at 45c per lb.**

### New "Half-Sugar" Mangel.

This new Mangel or Giant Sugar Beet, is intermediate between the large Mangels and the Sugar Beets. The roots are white with red tops, and grow to a large size, oval in shape, growing half out of the ground, and have small tops. The superiority of this variety lies in the fact that

the roots contain a higher percentage of sugar, and are therefore more valuable for feeding than the larger and coarser Mangels. The Giant Sugar Beet yields much larger crops than other kind of sugar beet and nearly as much per acre as the largest Mangels. **Pkt. 5c;  $\frac{1}{4}$  lb. 18c; lb. 65c.** By express, **55c per lb.; 5 lbs. or more 50c per lb.**

**GIANT YELLOW INTERMEDIATE.** The roots are in shape intermediate between the Globe and Long Mangels. The color is deep orange yellow and the quality is first-class. In yield this variety is not quite equal to Danish Yellow Giant which is much the same in shape and color. **Pkt. 5c;  $\frac{1}{4}$  lb. 20c; lb. 60c.** By express, **50c per lb.; 5 lbs. or more, 45c per lb.**

**GOLDEN TANKARD.** Roots about the same shape as the Intermediate, but the flesh is yellow all the way through. In all other respects it resembles the Giant Yellow Intermediate very closely. **Pkt. 5c;  $\frac{1}{4}$  lb. 20c; lb. 60c.** By express, **50c per lb.; 5 lbs. or more, at 45c per lb.**



New Half Sugar Mangel.



Danish Yellow Giant Mangel

**HARRIS' YELLOW GLOBE.** Roots perfectly round, smooth and with very small tops. Easily harvested and yields large crops. Will keep better than any other variety. **Pkt. 5c;  $\frac{1}{4}$  lb. 20c; lb. 65c, postpaid.** By express, **55c per lb; 5 lbs. or more, at 50c per lb.**

**Mammoth Long Red, OR NORBITON GIANT.** This variety has produced the largest yield of any kind of mangel at the field trials held at Cornell University for the past two years. The quality of the roots for feeding is high. The roots grow very large and keep well. We have an unusually fine strain of seed of this variety. The Mangels grow larger around than the older "Long Red" and are smoother and better in every way. **Pkt. 5c;  $\frac{1}{4}$  lb. 20c; lb. 60c, postpaid.** By express, **50c per lb.; 5 lbs. or more, at 45c per lb.**

**Lane's Improved Sugar Beet.** A very fine strain of sugar beets for stock. The roots grow to a large size and partly above ground, and are rich, sweet and of high feeding value. **Pkt. 5c;  $\frac{1}{4}$  lb. 18c; lb. 55c.** By express, **45c per lb.; 5 lbs. or more, at 40c per lb.**

## Cauliflower

One ounce of seed will produce 1,500 to 2,000 plants if sown in open ground, or about 3,000 in frames.

**To raise good Cauliflower.** There is nothing so essential to success in raising Cauliflower **as good seed.** The best Cauliflower seed is very expensive, but it is worth to the grower ten times as much as cheap and carelessly grown seed. We get the best results from using **Snowball** and **Danish Giant** for main late crops as well as for early use. The seed we offer is grown with the greatest care, and 99 per cent of the plants will produce fine, compact heads of good size.

Early Cauliflowers are difficult to raise and are not of the best quality, but when the plants are set out in late June or July and the heads form in October there is no difficulty in getting fine, large heads of first-class quality. The seed should be sown in open ground or cold frames about the middle of May or first of June on good soil. When plants are large enough transplant to rich, moist soil. These remarks refer to Snowball or other early kinds. The late kind must be sown and transplanted earlier.

**Snowball.** Although an early variety the Snowball is used almost exclusively for late or main crop, as well as for forcing and summer use. There is no finer cauliflower than a first-class strain of this variety. The heads are **large, heavy and close grained**, with no leaves growing through them.

*There is nothing finer than the strain of Snowball we offer, no matter under what name it is sold, or what price is charged for the seed.*

If you want to pay \$3.00 or \$4.00 per ounce for cauliflower seed and get the same thing we sell you for \$1.80, of course you can do so, but we don't see the sense in it. **There is no better seed than we offer sold at any price,** and we want all large growers to try some of it and see for themselves. **Pkt. (250 seeds) 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.80;  $\frac{1}{4}$  lb. \$6.75; lb. \$25.00.**

**"Danish Giant" or Dry-Weather.** This is a new strain of Snowball Cauliflower that grows larger and has more leaves than the old variety, and matures about two weeks later. It is especially valuable for high ground, as it is more vigorous than the Early Snowball, and stands dry weather better. Having more leaves it is easier to protect the heads from the sun, and keep them snow white. **Pkt. 10c;  $\frac{1}{4}$  oz. 60c; oz. \$2.00;  $\frac{1}{4}$  lb. \$7.50.**

**Erfurt Early Dwarf.** Not quite as early or fine as Snowball, but is an excellent variety both for early and late crop. It is very reliable in regard to heading, and the heads are solid and compact. **Pkt. 10c;  $\frac{1}{4}$  oz. 45c; oz. \$1.70**

**LARGE ALGIERS.** One of the best late varieties. Heads of the largest size, white, but not as compact as Snowball. A reliable header. **Pkt. 10c;  $\frac{1}{2}$  oz. 40c; oz. 75c;  $\frac{1}{4}$  lb. \$2.25.**

**Large Lenormand Short Stem.** Large and vigorous. **Pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 60c.**

**Walcheren.** Large, late and very hardy. Will stand considerable frost. **Pkt. 10c; oz. 60c;  $\frac{1}{4}$  lb. \$2.00.**

## Cabbage

One ounce of seed will produce 1,000 to 2,000 plants sown in open ground, or 3,000 if sown in frames. requires about 6 ounces of seed to produce plants for an acre of ground.

**The Best Cabbage Seed.** We have raised cabbage seed for 30 years. Being situated in one of the best cabbage growing regions in the country, we have long made a specialty of raising cabbage seed, and have been able, by selecting the very best heads for seed, to breed up some very fine strains of cabbage that will satisfy the requirements of the most critical grower. You can buy cheaper seed, but you can't get any better seed than Harris' cabbage seed at any price.

**Methods of Culture.** To get very early cabbage in the northern states the seeds should be sown in hotbeds in February or March, or about six weeks before the ground outside is ready to receive the plants. For medium early crop the seed of early kinds like Enkhuizen Glory, Eureka, Burpee's All Head and Early Spring may be sown in the open ground as early as possible and the plants transplanted as soon as large enough. This will give cabbage ready for use in August if the land is rich and well cultivated. For late crop the seed should be sown in this latitude about May 20th, and the plants set out July 1st. Seed of early varieties may be sown as late as June 15th to 20th, and will mature a good crop. For late sowing, Volga, Enkhuizen Glory and Burpee's All Head are excellent varieties.

## Early Varieties of Cabbage.

Among the earliest kinds the different strains of Wakefield are best known. **Extra Early Wakefield** is the earliest, but the heads are small. **Early Jersey Wakefield** has larger heads and is extremely early, while **Charleston Wakefield** has still larger heads, not so pointed as the other two, and matures two weeks later. Of the early flat head kinds, **Eureka, Enkhuizen Glory** and **Copenhagen Market** are the earliest, while **Burpee's All Head Early** is a little later and is often used for planting late after early potatoes or other early crops.

**CABBAGE—Early Varieties.**

*Packets of any of the following varieties, 5c, except where noted:*

	By mail, postpaid	
Oz.	$\frac{1}{4}$ lb.	Lb.
<b>COPENHAGEN MARKET.</b> New and very fine. See page 5.....	Packet 10c	
<b>Extra Early Wakefield.</b> Earliest, small pointed heads.....	\$0 40 25	\$1 30 65
<b>EARLY JERSEY WAKEFIELD.</b> <b>Special selected strain</b> , heads of good size, very uniform and compact. Our strain of this variety is far superior to that usually sold...	25	70
<b>Charleston Wakefield.</b> Larger, broader and not so pointed as the above and a little later. We have a fine strain of this variety. Every plant makes a good large head....	25	65
<b>ENKHUIZEN GLORY.</b> New, very early, large round heads. See page 6.....	25	65
<b>Eureka.</b> Same as "Maule's Extra Early." Very large flat heads, as early as Charleston Wakefield.....	20	60
<b>BURPEE'S ALL-HEAD EARLY.</b> Medium early, large, solid heads, and of very compact growth. One of the best for summer use or for planting late for main crop. Our seed is of the very finest strain and produces even crops of large solid heads.....	30	90
<b>Henderson's Early Summer,</b> medium early flat heads.....	20	60
<b>Early Spring.</b> Early and very fine, flat heads, solid and compact.....	20	65

**Early Cabbage Plants.** We can furnish very fine transplanted cabbage plants ready April 15 to May 15. See plant Department

**Late or Main Crop Varieties of Cabbage**

**Danish Ball Head** is now most extensively planted for fall and winter shipping, and is very profitable on good land and under favorable conditions, but it does not yield as much as some of the domestic or flat varieties. It does not succeed south of Pennsylvania. **Succession** heads evenly and quite early, but cracks badly if not cut as soon as well matured. **Volga** produces large solid heads and grows so fast that it can be set out late and will produce immense crops. **Harris' Short Stem** is a large, late flat cabbage with very solid, heavy heads of fine quality.



Field of Our Danish Ball Head Cabbage. (Photograph taken in 1911.)

It has been found profitable in many cases to plant early varieties of flat cabbage for fall market. They produce medium size, hard heads which are preferred in market to the larger heads of the late varieties. For this purpose **Burpee's All Head Early** is the most popular variety. It has been found very profitable in this locality. **Enkhulzen Glory** is also excellent for this purpose. It can be set out as late as August 1st, on good land. **Mammoth Rock Red** and the new "**Holland Export**" are the best red cabbages and are often very profitable. **Savoy** cabbage is of the finest quality and excellent for home use in the fall and winter.

**Danish Ball Head**, "Solid Emperor" Strain. This strain produces very solid heads of good size and *deep green*. The stems are of medium length, not as tall as some strains. The heads are round as a ball, deep green and of excellent keeping qualities, so they can be stored all winter and come out in good condition in the spring. The seed we offer was raised with great care and produces heads of uniform type. Cabbage growers who want the *very best* Danish cabbage for winter storage will find this strain unsurpassed. (*See price list next page.*)

**Danish Ball Head**, Short Stemmed Strain, (also called **Danish Round Head**.) This strain produces very large, solid heads on shorter stems than the "Solid Emperor" described above. It is also a week or ten days earlier. It produces larger yields than any other Danish Cabbage we have tried. It is especially valuable for high, dry land, as it will produce good size heads where the other strains would be too small.

While we can see little difference in the keeping qualities of these two strains it is claimed by some growers that this short stemmed strain does not come out quite as green after being stored all winter as does the "Solid Emperor." For shipping in the late fall or winter there is nothing finer than this strain.

The seed we offer is so well bred that practically every plant will produce a good solid head of uniform type. (*See price below.*)

**Volga.** This is one of the best large cabbages we have ever raised. For uniformity in growth, shape of head and hardness we have rarely seen its equal in a large heading variety. Plants set out July 9th on very ordinary soil with no manure or fertilizer produced large, solid, hard heads by the 10th of October—two or three weeks earlier than other large kinds. The plant is nearly all head, having few outside leaves. The heads are nearly as round as a ball and almost as hard and solid as Danish Ball Head, while they are much larger and heavier, often weighing 15 lbs. each. On account of its rapid growth this cabbage can be set out in this latitude as late as July 20th, and still produce large, solid heads for winter use. (*See price below.*)

**Harris' Short Stem.** A very fine, large, late cabbage for fall and winter use. The heads are very deep for a flat cabbage and are very hard and compact and keeps remarkably well. The quality of the cabbage is exceptionally fine, the heads being of fine grain, tender and without a hard core in the center.

For home use there is no large cabbage equal to this, and for market where a large head is required, we know of nothing better.

We have raised the seed of this cabbage over 30 years and have a very fine, pure strain of it. (*See price below.*)



Volga Cabbage. (Photograph.)

Cabbage—Main Crop Varieties.	Packets of any of the following kinds, 5 cents, except where noted	By mail, postpaid		
		Oz.	1/4 lb.	Lb.
<b>"Ever Ready."</b>	A very fine new variety. See page 5.....	Pkts. 10c	\$0 50	\$1 25
<b>Volga.</b>	New, very fine. See description above. We offer seed of our own growing.....	20	65	2 50
<b>HARRIS' SHORT STEM.</b>	Large heads of finest quality. See description above.....	25	75	2 75
<b>DANISH BALL HEAD, "Solid Emperor"</b> strain.	This is the best strain we have found after trying a great many others from different growers.....	20	65	2 50
<b>DANISH BALL HEAD, Short Stemmed,</b>	earlier and with shorter stems than above.....	20	70	2 50
<b>Succession.</b>	One of the best medium early kinds. Large flat heads.....	20	60	2 25
<b>All Seasons.</b>	Large flat heads. A popular variety for fall use.....	20	55	2 00
<b>Surehead.</b>	Large deep heads, solid and compact.....	20	60	2 25
<b>Houser.</b>	Large and very hard round heads which mature late. Must be set out early.....	20	55	2 00
<b>Warren's Stone Mason.</b>	Heads large, deep and solid.....	20	60	2 25
<b>Excelsior Large Flat Dutch.</b>	A very fine strain of Flat Dutch Cabbage.....	20	60	2 25
<b>PREMIUM FLAT DUTCH.</b>	The old standard Flat Dutch. A first-class, large, late cabbage.....	20	55	2 00
<b>Fottler's Drumhead.</b>	Heads large and flat.....	20	55	2 00
<b>Winnigstadt.</b>	Pointed heads of medium size, hard and solid. Every plant heads.....	25	75	2 50
<b>Mammoth Rock Red.</b>	The best red variety, heads of good size, deep red and very solid	20	65	2 50
<b>HOLLAND EXPORT.</b>	A very fine, new, red cabbage. See description page 6. Pkt. 10c	25	75	2 75
<b>SAVOY CABBAGE, Perfection Drumhead.</b>	The best Savoy Cabbage, large and firm and of finest quality for table use. Everyone who appreciates good cabbage should raise some Savoys for their own use .....	20	55	2 00

Deduct 10c per lb. if the seed is to be sent by express, not prepaid. If ordered at above prices the seed will be sent prepaid by mail or express.

**Cabbage and Cauliflower Plants.** We can furnish Cabbage and Cauliflower Plants of the most prominent varieties in this list at lowest prices. Plants ready from the middle of April to middle of July. See price list at back of this catalogue.

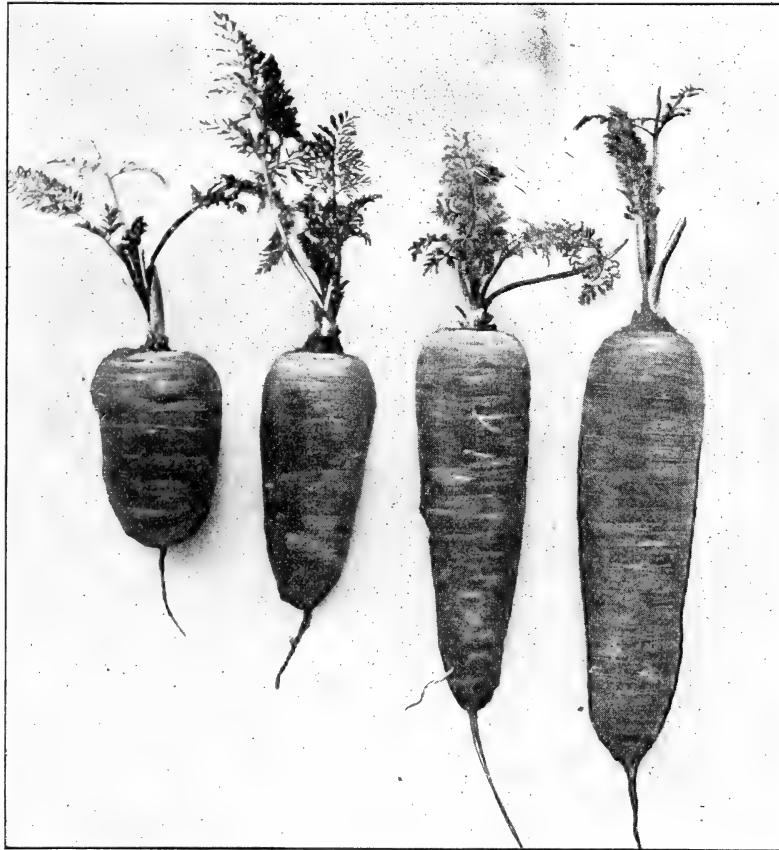
# Carrots

One ounce of seed will sow 150 feet of row. It requires 4 to 6 pounds of seed to sow an acre, depending upon the distance between the rows.

Carrots can be sown from early spring to the middle of summer. The earlier they are sown the larger the crop as a rule, but late sowings often produce nice carrots for bunching in the fall.

**Carrots for Feeding** Carrots are of very high value for feeding cows, horses and sheep and as very large crops can be grown on a small piece of ground it pays remarkably well to raise at least a small plot of them every year. They are of great benefit to cows and horses in the fall and winter. One of the best varieties for this purpose is Harris' Half Long. It is more easily harvested than the longer carrots and yields very nearly as many bushels per acre and on some soils it yields more than a larger variety. On loose soil these carrots can be easily pulled without digging.

**Crop of Seed Short.** Owing to the heat and drought the crop of carrot seed both in this country and Europe was almost a complete failure the past season. As a result there will not be half enough seed to supply the usual demand and prices therefore are extremely high. It is not a question of price so much as getting the seed at all. Some will certainly have to go without.



Oxheart

Harris' Half Long

Danvers

New Light Yellow.

(From a Photograph)

Harris' Half Long and grow about two inches longer, or about eight inches in length. They are of fine grain and of excellent quality, and yield very large crops. This variety is very valuable for stock feeding as well as for market. Our strain of this carrot will be found very fine, far superior to that usually sold. Pkt. 8c; oz. 25c;  $\frac{1}{4}$  lb. 70c; lb. \$2.60, postpaid. By express, \$2.40 per lb.

**OXHEART, or GUERANDE.** A short, thick carrot, often nearly as large around as it is long. Excellent for table use or bunching for the market. Matures early. Can be easily pulled by hand and will yield nearly as much as the longer varieties. Pkt. 8c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50, postpaid. By express, \$2.40 per lb.

**Long Orange.** We have a fine strain of this variety; roots long but not too tapering, smooth and straight. An immense yielder. Pkt. 8c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50, postpaid. By express, \$2.40 per lb.

**Early French Short Horn.** The earliest and best carrot for forcing. Our seed is of the finest strain for hothouse forcing. Pkt. 8c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.60, postpaid.

**MASTODON, or White Vosges.** A large white carrot for stock. The roots grow very large, but, being thick and not too long, they can be easily pulled. We think this variety will yield more good, nutritious carrots per acre than any other carrot. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.35, postpaid. By express, \$1.25 per lb.

**New Light Yellow.** This is a distinct variety of a light lemon color. Our cut gives a good idea of its shape. We have no seed to offer this season as the crop failed.

## Harris' Perfected Half Long.

This is a very fine strain which produces carrots of uniform shape, smooth skin, without wrinkles or small roots, and of deep orange color. The shape of the roots, as shown in the photograph reproduced here is that most desirable for market, being nearly the same size the whole length. The quality is very fine for table use, the roots being without cores, fine grained and sweet. The roots grow about six inches long, and are so smooth and handsome that they always bring the highest price on the market. There is no finer strain of carrot than this. If the seed is not sown too thick the carrots need not be thinned out, but can be left as they come up, and they will crowd out each side of the row and produce enormous yields on loose rich soil. Pkt. 8c; oz. 25c;  $\frac{1}{4}$  lb. 70c; lb. \$2.60, postpaid. By express, \$2.50 per lb.

**Chantenay.** This popular carrot is much like Harris' Half Long and is used for the same purpose. We have some very fine French grown seed that will be found equal to any obtainable. Price same as Harris' Half Long.

**Chantenay.** We can furnish some seed of this variety that was grown by one of the best known growers in California and we think it will be found excellent, although probably not equal to the French grown seed offered above. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 55c; lb. \$2.00 postpaid. By express \$1.90 per lb.

## Danvers Half Long.

The roots taper a little more at the bottom than

taper a little more at the bottom than

they can be easily pulled. We think this variety will yield more good, nutritious carrots per acre than any other carrot. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.35, postpaid. By express, \$1.25 per lb.

**New Light Yellow.** This is a distinct variety of a light lemon color. Our cut gives a good idea of its shape. We have no seed to offer this season as the crop failed.

# Celery

One ounce of seed will produce about 4,000 plants.

Celery is easily raised. The trouble most unskilled gardeners experience is in raising the plants. The seed must be sown very early in the spring, as soon as the ground is free from frost. We give full directions for culture with every order for seed if requested. *We sell plants ready in June and July at low prices. See prices below.*

**Varieties.** For fall and early winter use **Golden Self-Blanching** is the best variety for market or home use, excepting for the latter purpose, **Golden Rose** is of slightly better quality, and keeps longer, but has a red tinge which might not be liked in some markets. Both have a fine nutty flavor, and are easily blanched. **White Plume** is handsome to look at, but not of very good quality, and must be used early as it does not keep very well.

For keeping in the winter, **French's Success** is one of the very best kinds. It will keep longer than any kind we know of, and is crisp and tender. **Columbia** blanches quicker and can be used earlier in the winter and is of fine quality, but does not keep as long as French's Success. The **New Winter Reliance** blanches more easily than French's Success and is valuable for early winter use, to follow closely after the Self-Blanching. **Giant Pascal** is also good, and has very broad, thick stalks, and keeps well. **New Rose** is excellent for home use, and where a celery of fine quality is appreciated. The stalks are of medium size, tinged with red, and very crisp, and of fine flavor.

**NOTE.**—The crop of **Golden Self-Blanching Celery** seed in France where the best seed is raised was almost a complete failure the past two years and there is consequently not half enough of the seed in existence to supply the usual requirements.

Gardeners will therefore have to fall back on seed grown in California, which, although not as reliable as the French grown seed, often produces just as good celery.

We have procured a small quantity of this seed from one of the most reliable growers in California and we have no doubt it will give good results.

Celery—Price by mail, postpaid	Pkt.	Oz.	¼ lb.	Lb.
<b>GOLDEN SELF-BLANCHING, or Paris Golden.</b> A very fine "gilt-edged" strain.	\$ 0 15	\$ 2 00	\$ —	\$ —
<b>GOLDEN SELF-BLANCHING.</b> Seed grown in California by a very reliable grower	10	70	2 00	7 50
<b>GOLDEN ROSE, or Rose Ribbed Paris Golden.</b> Like Golden Self-Blanching except that the stalks are tinged with red and are of superior flavor and keep better and are very handsome on the table .....	10	30	85	3 00
<b>COLUMBIA.</b> Resembles Golden Self-Blanching, but keeps better and requires more time to blanch. <i>See page 8</i> .....	10	40	1 10	4 25
<b>FRENCH'S SUCCESS.</b> The best keeper. <i>See page 8</i> .....	10	35	1 00	3 50
<b>WINTER RELIANCE.</b> New. Fine for winter market. <i>See page 8</i> .....	10	40	1 20	4 50
<b>White Plume.</b> Blanches very easily. We have a very fine, pure strain which is far superior to that usually sold.....	5	25	75	2 75
<b>GIANT PASCAL.</b> Broad thick stalks of good quality, a good variety for winter market .....	5	18	50	1 90
<b>New Rose.</b> A red celery of the finest quality, and therefore superior to other winter varieties for home use. The stalks are of medium size, solid, crisp and of a nutty flavor.....	5	20	65	2 50
<b>Golden Heart.</b> (Dwarf.) A good kind for winter use. Popular in market.....	5	20	55	2 00
<b>Boston Market.</b> Large branching stalks.....	5	20	55	2 00
<b>CELERIAC, or Turnip-Rooted Celery.</b> The bulbous roots are used instead of the stalks. <b>Large Smooth Prague</b> , the best variety.....	5	18	50	1 75

Deduct 2c from  $\frac{1}{4}$  lb. and 10c from lb. price, if seed is to be sent by express not prepaid.

**Celery Plants.** We raise large quantities of celery plants, and can furnish strong, stocky plants for less money than it costs to raise them on a small scale. Plants will be ready from June 1st to August 1st. Orders booked at any time, and plants sent when ready.

**PRICE OF CELERY PLANTS.** Early transplanted plants ready June 1st. Golden Self-Blanching and White Plume. Postpaid, **85c per 100.** By express, **65c per 100; \$5.00 per 1,000.**

**Field Grown.** Strong, stocky plants of all varieties listed in this catalogue ready last of June. Postpaid, **60c per 100.** By express, **40c per 100; \$2.50 per 1,000.** Write for prices on larger lots.

## Collards.

Collards or Coleworts are extensively grown in the southern states, where they furnish green food for the table or for stock all through the winter as well as other seasons. The seed is sown at different times from the last of May until the first of August.

**Georgia Collards.** The best variety. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 35c; lb. \$1.10.**

## Pop Corn

Cultivate the same as other corn. In growing it on a large scale we plant it in hills 3 feet apart and 4 plants in a hill. It is a profitable crop. Great care should be taken to dry the ears thoroughly as the corn does not pop well unless well matured and thoroughly dry.

**White Rice.** The ears are 6 to 7 inches long and the kernels are pure white and of large size. Yields well and produces a fine quality of pop corn. Decidedly the best variety to raise on a large scale for market, as it yields best and commands the highest prices. Our strain is very fine. **Pkt. 5c;  $\frac{1}{2}$  pt. 12c; pt. 20c; qt. 35c, postpaid.** By express, **qt. 25c; 4 qts. 65c; peck \$1;20.**

# Sweet Corn

One quart will plant 400 hills; 8 to 10 quarts will plant an acre.

## Good Sweet Corn Seed.

Our eastern grown Sweet Corn in sweetness and flavor is far superior to the same varieties raised from seed grown in the west where a large part of the sweet corn seed sold by other seedsmen is grown. We take great pains in curing and drying our seed corn, and we are therefore able to offer seed of strong vitality and highest quality in every way. Our seed is **very carefully selected** and tested for germination, and the percentage that will grow is marked on each package, so you will run no risk of failure in planting it. It may cost a little more than others, but it is worth very much more.

**Notes on Varieties.** The earliest corn we have tried is **Early Dawn**, but the ears are quite small, about 5 in. long. **Pocahontas** is but two or three days later, and has much larger ears and is of finer quality. **Harris' Extra Early** is very early, has large ears and is of very fine quality. **Premo** follows a few days later, and has fairly large ears. **Mammoth White Cory** matures early and has ears 6 or 7 in. long, and produces two or three on a stalk, but the corn is not of as good quality as Pocahontas. **Golden Bantam** is a small, medium early kind, with yellow kernels; highly esteemed by many people. The new "**Buttercup**" is, in our opinion, of better quality than Golden Bantam, and has larger ears. It is the sweetest corn we know of. **Kendel's Early Giant** matures very early and has large ears and is very prolific. It is the earliest kind with ears so large, and on this account is valuable for market. **Mimms' Hybrid** has large ears and matures medium early and is of high quality. **Metropolitan** has large ears, and is medium early and of fine qual-

ity. It is valuable as a second early kind, to follow the small varieties that mature first.

Of the later kinds **Hickox Improved** matures earlier than Evergreen, and has large ears of fine quality. **Black Mexican** is quite early and of very fine quality, surpassing other kinds in sweetness and flavor, but the corn gets black when it is just ready to eat, and therefore does not look very well on the table. The two latest varieties are **Country Gentleman**, with small ears, having the kernels set irregularly on the cob, and of very fine quality, and **Egyptian or Washington Market**, with very large ears and corn that is sweet and good. **Burpee's White Evergreen** is a fine strain of the old Stowell's Evergreen, and is superior to it in size and shape of ear and in appearance, as the corn is very white.

## For Home Use.

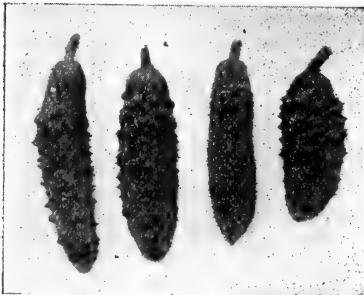
We advise planting the following varieties which will give a constant succession of corn all through the season: Pocahontas, Mimms' Hybrid, Buttercup, Hickox Improved, and Country Gentleman.

**PRICE LIST OF SWEET CORN—Large packets of any variety 6c, half pint 12c, (except where noted) by mail postpaid. Four quarts will be sent at half the price of a peck.**

	Postpaid		By Express		
	Pint	Quart	Pint	Quart	Peck
<b>EARLY DAWN.</b> A new extra early corn, earlier than any other kind. See description page 9. Pkt. 10c; $\frac{1}{2}$ pt. 15c.....	\$0 25	\$0 45	\$0 20	\$0 35	\$1 75
<b>POCAHONTAS.</b> (New.) Very early, large ears. See page 9. Pkt. 10c; $\frac{1}{2}$ pt. 15c.	25	45	20	35	1 65
<b>HARRIS' EXTRA EARLY.</b> One of the very best extra early varieties. Large ear and pure white kernels of fine quality.....	20	35	15	25	1 40
<b>Golden Bantam.</b> Medium early, yellow kernels of fine quality. By many people considered the best flavored sweet corn.....	20	40	15	30	1 60
<b>BUTTERCUP.</b> (New.) The best flavored and sweetest corn we have ever eaten. See page 10. Pkt. 10c; $\frac{1}{2}$ pt 15c.....	28	50	20	35	1 75
<b>Premo.</b> Very early and has large ears of good quality.....	20	35	15	25	1 40
<b>Early Cory.</b> Very early and hardy—red cob.....	20	35	15	25	1 25
<b>Mammoth White Cory.</b> Larger than red Cory, and has pure white corn and is nearly as early. Our strain of this variety is very fine.....	18	30	12	25	1 25
<b>MIMMS' HYBRID.</b> A greatly improved strain of Perry's Hybrid, having pure white corn and larger ears. See page 10. Pkt. 10c; $\frac{1}{2}$ pt. 15c.....	28	50	20	35	1 75
<b>KENDEL'S EARLY GIANT.</b> The earliest corn having ears so large. Very profitable for market. Ears 8 to 10 inches long, 12 to 14 rows. Matures soon after the extra early kinds and brings good prices in market.....	20	35	15	25	1 25
<b>METROPOLITAN.</b> One of the best medium early kinds. Ears 8 to 9 inches long, 10 to 12 rows of snow white kernels of fine quality.....	20	35	15	25	1 25
<b>Crosby's Early.</b> A fine early corn, 10 to 12 rowed, ears of good size and corn is of best quality .....	20	35	15	25	1 20
<b>Potter's Excelsior, or Squantum.</b> Medium to late, large ears and the quality is of the very best.....	20	35	11	25	1 20
<b>HICKOX IMPROVED.</b> Very large, 10 to 12 rowed ears, often nearly a foot long. Matures a little earlier than Evergreen, and of finer quality.....	20	35	15	25	1 20
<b>Black Mexican.</b> No corn, except "Buttercup," is quite equal to this in quality. Matures medium early, kernels black when ripe.....	20	35	15	25	1 20
<b>Country Gentleman.</b> Late, very prolific, often 3 ears on a stalk, kernels irregular on the cob, quality very fine.....	20	35	15	25	1 25
<b>Stowell's Evergreen.</b> We have a fine strain of this corn.....	18	30	12	20	1 00
<b>BURPEE'S WHITE EVERGREEN.</b> An improved strain of Stowell's Evergreen with large, <i>snow white</i> kernels, larger and handsomer ears and much more prolific than the old kind. This is the best strain of Evergreen we have seen and our eastern grown seed is exceptionally fine.....	20	35	12	20	1 10
<b>EARLY MAMMOTH.</b> Not an early variety but a little earlier than late Mammoth, which is a very large late kind. Ears of immense size, much larger than Evergreen and corn is of very superior quality. A fine late variety for market and home use.....	20	35	15	25	1 20
<b>Egyptian or Washington Market.</b> Very large ears, matures late and is of a fine quality. Profitable for market and very good for home use to prolong the season.....	20	35	15	25	1 25

# Cucumbers

One ounce of seed will plant about 80 hills or sow 50 feet of row. About 3 lbs. of seed per acre.



1. Perfected Jersey Pickle. 2. Long Green.  
3. Cumberland. 4. Chicago Pickling.

Seed is sown in this latitude the 15th of May for slicing and the 15th of July for pickles.

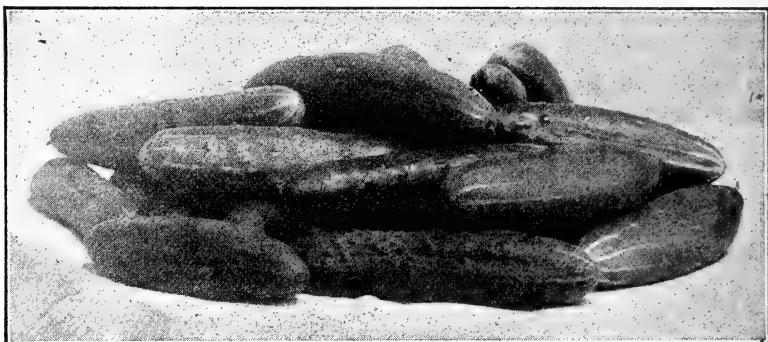
**About Varieties.** For slicing and to raise for market the different strains of White Spine are the most popular. Of these Davis' Perfect is one of the best, the fruit is long and very dark green. Arlington is of medium length, straight and smooth, and very early, while Extra Long White Spine is longer and a little later and produces a very fine, handsome fruit. The Mimms' cucumber is also a strain of White Spine and is the earliest of the long fruited kinds. Emerald is smooth, without any spines and very deep green, is straight and handsome and a little later than White Spine.

Of the varieties suitable to raise for pickles, Chicago Pickling and Green Prolific or Boston Pickling are the most prolific, and will produce the greatest number of pickles per acre, but the fruit is rather short and thick and therefore not as desirable as that of Long Green, Perfected Jersey Pickle, Fordhook Famous and Cumberland. These all produce long, straight pickles of best quality. The Cumberland is covered with very fine spines closely set all over the fruit, which gives it a distinct appearance. The pickles are of fine quality, being very crisp. Paris Pickling is a long, slim cucumber and makes pickles of the finest quality and appearance, but is hardly prolific enough for market.

## Davis' Perfect Cucumber.

This new strain of White Spine Cucumber has been selected with great care, and the result is that it produces cucumbers of great uniformity, all being nearly exactly alike in shape, color and size. They are very handsome cucumbers, *deep green* in color, *perfectly straight* and about 8 to 10 inches long. The vines are very prolific and healthy.

It is one of the very best varieties for forcing as well as for the open ground. It is excellent for pickles as it produces a great abundance of nice, straight cucumbers of good color. The seed we offer is of a very carefully bred strain of this variety and produces uniform crops of handsome, straight, deep green cucumbers. It is far superior to most of the so-called Davis Perfect sold. See price list below.



Davis' Perfect Cucumber.

### CUCUMBERS. Packets 5 cents, except where noted.

		Postpaid		
	Oz.	1/4 lb.	Lb.	
<b>Earliest of All.</b> New extra early variety; fine. See page 9.....	\$0 12	\$0 30	\$1 00	
<b>THE MIMMS.</b> (New.) A very fine early variety. See page 8. Pkt. 10c .....	25	60	2 25	
<b>DAVIS' PERFECT.</b> A new and improved strain of White Spine .....	15	35	1 20	
<b>Fordhook Famous.</b> A fine long cucumber of the White Spine class.....	12	25	95	
<b>Coy's Early Cyclone.</b> A very early strain of White Spine, two weeks earlier than other kinds. Fruit short but of good quality.....	12	25	95	
<b>Early White Spine.</b> The most popular cucumber. Early, productive and of fine quality for slicing and pickling. Fruit of medium length, bright green with white spines.....	12	25	95	
<b>Arlington White Spine.</b> Differs from Early White Spine in having fruit more pointed at the ends and deeper green, one of the best for market and pickles.....	12	25	95	
<b>Extra Long White Spine, or Evergreen.</b> A very fine strain with fruit 10 inches long, straight and handsome. The fruit retains its green color even when ripe. A little later than the other two strains of White Spine.....	12	30	1 00	
<b>Cumberland.</b> Excellent for pickling or slicing. Fruit is long, slim and very solid.....	12	30	1 00	
<b>EMERALD.</b> Long straight fruit that is perfectly smooth and very dark green. One of the very best kinds for slicing .....	12	30	1 00	
<b>Cool and Crisp.</b> Fruit dark green and of a peculiar icy appearance and of fine quality ..	12	30	1 00	
<b>Giant Pera.</b> Very long, straight, handsome fruit, late.....	15	35	1 25	
<b>Japanese Climbing.</b> Vines of very vigorous growth and fruit of first-class quality. Resists blight better than any other kind.....	15	30	1 10	
<b>Chicago Pickling.</b> Very prolific and one of the most popular kinds for pickles.....	12	25	95	
<b>PERFECTED JERSEY PICKLE.</b> A fine strain of Long Green which is very prolific and especially adapted to raise for pickles. The young fruit is straight, slender and deep green. One of the very best pickling cucumbers.....	12	25	95	
<b>IMPROVED LONG GREEN.</b> Fruit long, straight and dark green. Excellent for pickling, slicing and market .....	12	30	1 00	
<b>Everbearing.</b> Fruit short but produced in great abundance, starting very early and continuing late if kept picked .....	12	25	95	
<b>Green Prolific, or Boston Pickling.</b> Bears very profusely and is excellent for pickles..	12	25	95	
<b>Early Green Cluster.</b> Short fruit borne in clusters, good for pickles.....	12	25	95	
<b>Early Russian.</b> Very early, short fruit of good quality.....	12	25	90	
<b>West India Gherkin.</b> Short prickly fruit, used for pickling. Pkt. 10c.....	20	60	.....	

Packets of any of the above varieties 5 cents, except where noted. Deduct 10¢ per lb if the seed is to be sent by express.

## Cress.

**EXTRA FINE CURLED** (also called "Peppergrass"). Leaves finely cut and curled, very handsome and of a pleasant pungent flavor. Used largely in salads. Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 15c; lb. 40c.

**WATER CRESS.** This plant is now used very extensively for garnishing and for salads. It can easily be grown on the banks of any small stream or on land that can be flooded with running water. It succeeds best on streams fed by springs that do not dry up in the summer. The seed should be scattered on the muddy bank early in the spring. Water Cress can also be grown in greenhouses for winter use and is a profitable crop.

**Improved Broad-leaved Water Cress.** Larger and better than the common variety. Pkt. 10c. oz. 40c;  $\frac{1}{4}$  lb. \$1.10.

## Corn Salad or Feticus.

Used for "greens" like spinach. Can be sown in the spring and fall. If given a little protection it will last a long time in the winter.

**Large Round-leaved.** The best variety. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c.

## DANDELION.

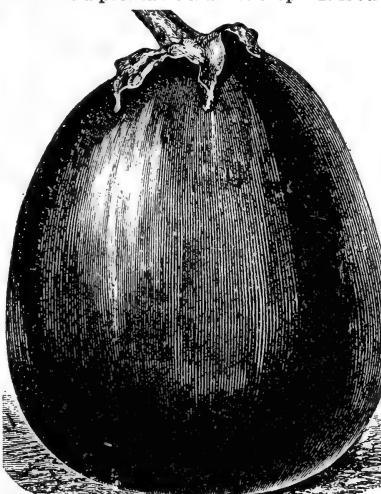
The improved cultivated Dandelion is a valuable plant for "greens" early in the spring. The seed is sown early in the spring and the leaves will be ready to eat the following spring.

**Large Thick-Leaves.** The most desirable variety, with large thick leaves of excellent quality. Pkt. 10c; oz. 45c;  $\frac{1}{4}$  lb. \$1.35.

## EGG PLANT.

One ounce of seed will produce about 1,000 plants.

This is a delicious vegetable which should be in every garden. It is also a profitable market crop. It is cultivated like tomatoes.



Black Beauty Egg Plant.

10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.10; lb. \$4.25.

**Extra Early Dwarf Purple.** A valuable variety. Not large but very early and prolific. Being hardier and earlier than the larger kinds it is valuable for northern latitudes where the seasons are short. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 90c.

**NEW YORK IMPROVED (Thornless).** This is a superb strain of this well-known and popular variety. The fruit grows to the largest size and is of perfect shape and deep purple color. The plants are prolific and of tall, upright growth. Market gardeners will find this the finest strain of New York Improved egg plant grown. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.10; lb. \$4.00.

## ENDIVE.

Endive is used for salad, especially in autumn and winter. It is easily grown. For fall and winter use the seed should not be sown till August.

**Moss Curled.** A beautiful variety, with very fine curled leaves. Blanches perfectly white in the center. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**BROAD-LEAVED BATAVIAN (Escarole).** Large thick leaves of good quality. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.10.

## GOURDS.

See Flower Seed Department.

## HORSE RADISH.

Horse Radish is easily grown from sets—small lengths of roots. These sets, if planted in the spring in good, rich soil, will form large roots by fall. The sets should be planted with the small end down and the upper portion two inches below the surface.

**Sets.** Postpaid by mail, 25c. per dozen; 85c. per 100. By express, 50c. per 100; \$4.00 per 1,000.

**New Bohemian Horse Radish.** A much superior variety to the common kind. See description, page 11. **Sets** by mail, 40c. per dozen; 50 for 85c. By express, 50 for 50c; 100 for 85c; \$6.00 per 1,000.

## KALE or Borecole.

One ounce of seed will produce 2,000 plants.



Dwarf Curled Green Kale.

Kale is used as "greens" during the winter, and is a most welcome dish when other vegetables are gone. The young and tender shoots that come out on the stalks are delicate and delicious when cooked. They are better after a few frosts in the fall. With a little protection or when the snow is deep, Kale will stand the winter without injury. It is grown the same way as cabbage, but for winter use the seed may be sown as late as July.

**Dwarf Curled Green.** The best dwarf variety. The leaves are finely curled and of excellent quality. Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**Tall Green Scotch Curled.** The most popular variety. The plant grows three feet tall and produces an abundance of sprouts the whole length of the tall stem and they are of the finest quality. Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. 95c.

## KOHL RABI.

One ounce of seed will sow about 300 feet of row.

Kohl Rabi produces a large bulb on the stem which is used as a vegetable and also for stock feeding. When used while young the bulb when cooked resembles a fine quality of turnip, but somewhat different in flavor. The seed should be sown in June in rows about two feet apart, and the plants thinned to a foot apart in the rows.

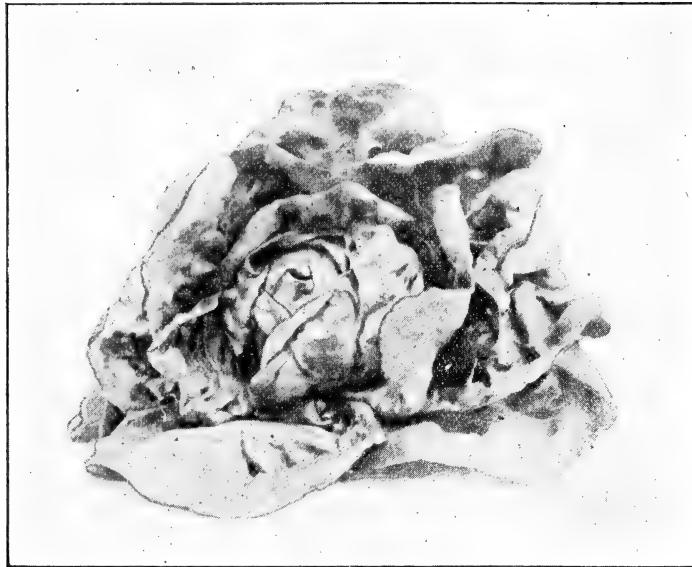
**Large Green.** This variety is usually grown for stock. It is also good for the table when young. Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. \$1.10.

**Early White Vienna.** The best variety for the table. When the bulbs are of the size of a large apple they are ready to use. The flavor of the bulb when cooked is intermediate between a cabbage and a turnip, and makes an excellent vegetable. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.30.

# Lettuce

One ounce of seed will sow 250 feet of row.

**ABOUT VARIETIES.** There are two distinct classes of Lettuce. One class forms heads like cabbage, while the other merely produces loose leaves. Where lettuce is grown in the open ground, and allowed to remain thick in the row, as is too often the case, the loose-leaved varieties are the best. The best loose-leaved or curly varieties are **Black Seeded Simpson**, **Grand Rapids** and **Tom-hannock**. When really fine lettuce is desired, and where one is willing to take some pains in raising it, the head or cabbage varieties are much the best. For forcing in the hothouse or hotbed, **Improved Keene**, **Boston Market**, **Big Boston** and **Golden Queen** are the quickest to form heads, and are usually used for this purpose. For sowing in frames and transplanting to the open ground in the spring, the best varieties are **Wayahead**, **Holyrood Hot-Weather**, **Deacon**, **Iceberg**, **Salamander** and **Wonderful**. These are also excellent head varieties for sowing in the open ground early in the spring and in the late summer and fall. For fall use, seed should be sown in this latitude about the middle of August. Loose-leaved lettuce is also sown in the summer and fall, the same as the head varieties.



**Deacon Lettuce.** (From a Photograph.)

good solid heads ten days before other kinds in the open ground it is a most valuable kind for either market or the home garden. Also, excellent for forcing in greenhouse or hot beds. **Pkt. 5c; oz. 15c; 1/4 lb. 35c; lb. \$1.20.**

**Big Boston.** Forms large compact heads and is one of the most popular varieties for forcing and open ground. It is very largely grown in the open ground in the fall for market. It is not so good for spring sowing. Our strain of this variety is excellent, producing uniform, compact heads and stands well without running to seed. **Pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.40.**

**Salamander.** One of the best varieties for summer use as it resists hot sun better than most other kinds. It forms large compact heads of a light green color and of fine quality. We have a fine strain of this popular lettuce which we can recommend to gardeners who want a large heading variety for market. **Pkt. 5c; oz. 15c; 1/4 lb. 35c; lb. \$1.25.**

**Iceberg.** One of the very best heading varieties. Forms large compact heads of very fine quality. Heads early and stands without running to seed a long time. The leaves are finely cut and curled, and of an attractive light green, while the center of the head is pure white and remarkably crisp and tender. It is certainly one of the best kinds. We have a very fine strain that heads uniformly solid and compact. **Pkt. 5c; oz. 15c; 1/4 lb. 35c; lb. \$1.25.**

**Cos, or Romaine Lettuce, Trianon self-folding.** This improved Cos lettuce makes a compact, upright growth, and magnificent large heads that blanch perfectly white inside. When well grown on moist land this lettuce is of the **finest quality**. The mid-rib of the leaves is large, crisp and much resembles celery. This is the best variety of this class. **Pkt. 5c; oz. 15c; 1/4 lb. 35c; lb. \$1.25.**

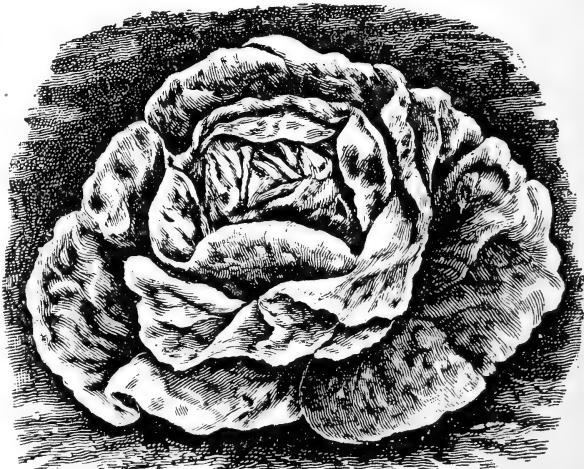
**Wayahead.** A grand new early variety. See page 10. **Pkt. 10c; oz. 25c; 1/4 lb. 60c; lb. \$2.00.**

**Deacon Lettuce.** We are the original introducers of this magnificent Lettuce which has gained for itself great popularity. It is one of the finest of the large heading varieties. The leaves are smooth, thick and tender, and inside the heads are nearly perfectly white and of the **finest quality**, being crisp, tender and fine flavored and without bitterness or coarseness.

It is important that this lettuce should have plenty of room to grow. Thin out the plants to 10 or 12 inches apart in the rows and you will have magnificent heads.

This variety has also recently come into favor for raising in greenhouses and frames, as it makes magnificent large heads of finest quality. **Pkt. 5c; oz. 15c; 1/4 lb. 35c; lb. \$1.20.**

**May King.** A very early head variety for the open ground. The heads form very quickly, and are firm and of fine quality. The plant is small and practically all head, the leaves are light green, slightly tinged with brown on the edges, and are very crisp and tender, and a beautiful light yellow color inside the head. As this lettuce will produce



**May King Lettuce.**

**LETTUCE.** Packets of any of the following varieties 5c (except where noted.)

		Postpaid	
	Oz.	1/4 lb.	Lb.
<b>HOLYROOD HOT-WEATHER.</b> A very fine new head lettuce. See page 11. Pkt. 10c..	\$0 30	\$0 85	\$3 25
<b>IMPROVED KEENE.</b> One of the best for forcing. Pkt. 10c ..	20	60	2 00
<b>Boston Market, or White Seeded Tennis Ball.</b> An early head lettuce for forcing....	12	35	1 20
<b>GRAND RAPIDS.</b> Of upright growth, curly leaves. The most popular curly lettuce for forcing.....	15	35	1 20
<b>Golden Queen.</b> Compact heads of an attractive yellow tinge. Popular for forcing.....	12	30	1 10
<b>WONDERFUL.</b> The largest head lettuce, heads nearly as large as a small cabbage and very firm; blanches perfectly white in the center.....	15	35	1 20
<b>Denver Market.</b> A head lettuce with curled leaves.....	12	30	1 10
<b>Hanson.</b> Large compact heads.....	12	30	1 00
<b>Tomhannock.</b> Very large loose heads tinged with brown and curled at the edges .....	15	35	1 20
<b>BLACK SEEDED SIMPSON.</b> Forms a large bunch of curly leaves which are very tender, especially if used while young .....	15	35	1 20
<b>Early Curled Simpson.</b> Like the above, but smaller and earlier.....	12	30	1 00

Deduct 10c. per lb. if seed is sent by express.

## LEEK

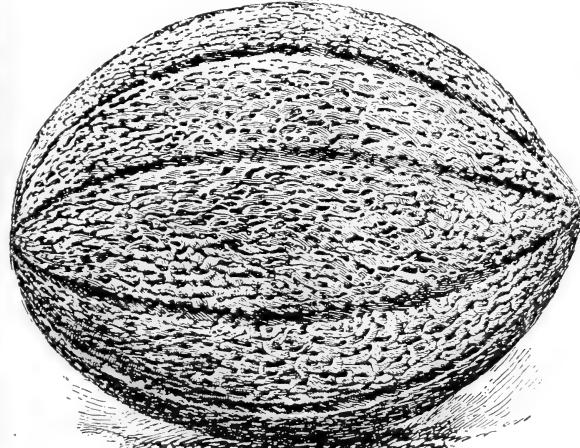
One ounce of seed will sow 150 feet of row.

Leek is a kind of onion that does not form any bulb, but grows in a long stem, which is blanched by drawing earth around it. When blanched in this way it makes an appetizing salad, or is eaten like green onions. Seed is sown in the spring and the leek is ready to use in the fall.

**Large American Flag.** The most popular variety; grows to a good size, and is straight and uniform and is of the best quality.  
Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. \$1.10.

## Musk Melons

One ounce of seed will plant about 50 hills; 2 or 3 pounds will plant an acre.



Admiral Togo Musk Melon.

### Musk Melon—The Grand.

This melon originated on the farm of a large grower of melons for shipping to Chicago and other markets. It is about the shape and style of Osage or Miller's Cream, but is of a light green color, and slightly smaller than that variety. It is a week or ten days earlier than Osage and is in our opinion, of superior flavor to that variety. The flesh is deep orange in color, very thick with small seed cavity. The flavor is delicious.

This melon is of a size just suited to the market demands in many cities and is a very profitable variety to raise where the market demands this style of melon. The vines are healthy and very productive. The melons have a hard thin rind and will stand up well when shipped long distances.

This melon is also one of the very best for the home garden, where a medium early melon of high quality is desired.

Price. Pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.50.

**Long Island Beauty.** A large green flesh melon. The fruit is flattened at the ends ribbed and closely netted and is very handsome. Not quite so sweet, but is more sprightly and agreeable in flavor than most of the yellow flesh varieties. Ripens early and is one of the best large green flesh melons. Pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.25.

It is much easier to raise melons than is usually supposed, and they are so delicious a fruit that it seems strange to us that every one who has any garden at all does not raise them. All that is required is a good, rich, well manured soil, that is not too heavy, and a warm sunny situation. Our pamphlet "Cultivation of Vegetables," tells about raising musk melons. It will be sent with any order for seed if requested.

To tell when a melon is ripe, hold the melon off the ground by the stem; if it drops off it is ripe, if not, don't pick it.

**Admiral Togo.** Although not a large melon, this is a fine one on account of its delicious flavor and great productiveness. The flesh is of a deep orange yellow and very sweet and of a delicious sprightly flavor, quite distinct from other yellow fleshed kinds. The melons ripen early, and are produced so profusely that they nearly cover the ground among the vines. They are oblong and thickly netted, and weigh about two pounds each. When a medium size early melon is wanted we highly recommend the Admiral Togo. Pkt. 5c; oz. 18c; 1/4 lb. 45c; lb. \$1.60;

**Lewis' Perfection.** A very large yellow flesh musk melon of high quality. Our crop of seed failed the past season and we have none to offer now.

**Hoodoo.** A new variety especially adapted for shipping. It is a small netted melon, about the size of Rocky Ford, but more round in shape. It has yellow flesh that is firm, very sweet and high flavored. The melons are very firm and stand handling well. Pkt. 5c; oz. 20c; 1/4 lb. 45c; lb. \$1.75.



**Miller's Cream or Osage.** We consider this one of the best melons for home use and also for market where it is known. The fruit grows to a large size, is oblong in shape and dark green with slight netting. The flesh is deep orange color, very thick, deliciously sweet and high flavored. The melons are uniformly of high quality, which cannot be said of many other varieties. While not a very early kind, yet the fruit will ripen perfectly in this latitude, and the vines are quite prolific. We highly recommend this variety to all who want good size melons of very fine quality. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50.**

**Osage, Perfected Strain.** This seed was saved from a remarkably fine strain of this variety that has been perfected by selection for many years by a careful melon grower. See page 11. **Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 70c; lb. \$2.50.**

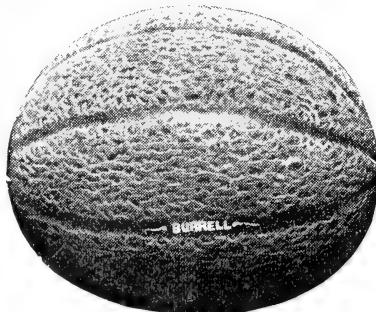
**ROCKY FORD-Burrell's Thoroughbred.** This strain of

Rocky Ford Melon has been produced by great care in the selection of the fruit for seed, the result is that the melons run more even in size and shape, are more closely netted and are of finer flavor than the ordinary strain.

It can be depended on to raise an even crop of the very highest class melons of this popular variety. **Pkt. 10c; oz. 18c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25.**

**Rocky Ford.** This is the variety which has made Rocky Ford, Colorado, so famous for good melons. It is a fine strain of Netted Gem. The fruit is oval in shape and covered with fine netting. The fruit is of medium size and very uniform. The flesh is very sweet, yet has the peculiar sprightly flavor so much desired in a musk

Deduct 10c. per lb. if seed is to be sent by express or freight, not prepaid.



Burrell's Thoroughbred Rocky Ford Musk Melon.  
Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

melon. It is medium early and prolific. Although the melons are rather small there are so many of them on a vine that they yield as much as larger kinds. We have some pure seed of the genuine Rocky Ford strain. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 25c; lb. 90c.**

**Emerald Gem. Melon.** There are few varieties equal to this for home use. While the fruit is not large, it ripens very early and each vine produces a large number of melons. The melons are round and dark green. The flesh is orange or salmon colored, thick, sweet, and of delicious flavor. There is no melon of finer flavor. The fruit is hardly firm enough for shipping, but for home use it has few equals. The Emerald Gem can be relied on to produce a good crop of fruit even in unfavorable seasons when other larger and later kinds would fail to ripen. We have a fine true strain of this variety that produces melons of uniform size, shape and quality. **Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50.**

**Irondequoit.** Nearly round, flattened at the ends and netted. Flesh orange yellow, thick, sweet and of fine flavor. Quite early and grows to a good size. Very popular in market and fine for the home garden. See page 11. **Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 70c; lb. \$2.50.**

**HACKENSACK.** The most popular green-flesh melon for market round, ribbed, and thickly netted; handsome and of fine flavor. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. \$1.10.**

**New Early Hackensack.** An early strain of the well known Hackensack. One of the best green fleshed melons for home use or market. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.**

**FINE GREEN NUTMEG.** An old favorite. Round, thickly netted fruit. **Pkt. 5c; oz. 12c;  $\frac{1}{2}$  lb. 30c; lb. 90c.**

**NETTED GEM.** One of the earliest melons. Fruit of medium size, oval and thickly netted; green flesh, sweet and high flavored. Vines very prolific. A very satisfactory variety for inexperienced growers. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 25c; lb. 95c.**

**WHITE JAPANESE.** A remarkably high flavored melon. So strong is the flavor, in fact, that it is objected to by some on this account, but by others considered delicious. Fruit round, cream-colored, with orange-colored flesh. Our stock of this variety is exceptionally fine. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. \$1.10.**

## Water Melons

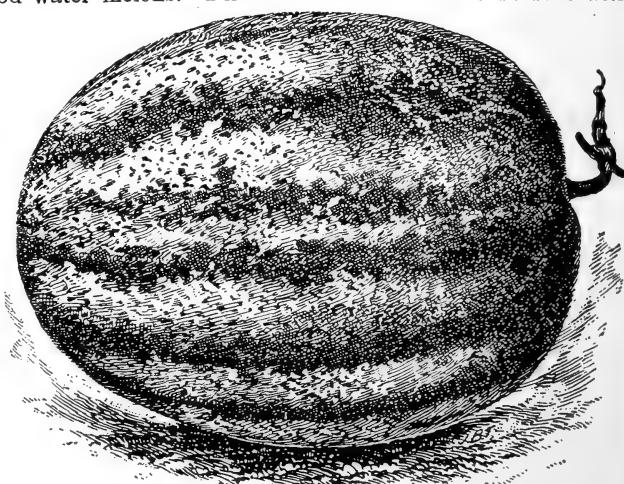
One ounce of seed will sow about 25 hills; three pounds will plant an acre.

Any one who has light sandy soil can raise good water melons. Directions for culture will be sent with seed if requested.

**Harris' Earliest.** This melon is not only very early, but it is also of fine quality, being sweet and delicious and it grows to a large size. The melons are oblong and marbled with light and dark green. The flesh is bright red, fine grained and very sweet. The fruit ripens extremely early and is therefore very desirable for planting in the north. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.** By express, **90c. per lb.**

**FORDHOOK EARLY.** One of the earliest varieties, and has good large fruit of very fair quality, but not quite as sweet as some of the later kinds. There is no other kind except Harris' Earliest that ripens so early and produces such large melons. The fruit is oval in shape and grows to a large size. The flesh is bright red, sweet and of good flavor. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 25c; lb. 95c.**

**Halbert Honey.** Medium early melon, and can be successfully raised in some of the northern states. The melons are quite long with blunt ends. The color is deep green. The rind is very thin, the rich, deep red, sugary flesh extending within an inch of the outside shell. The rind is rather thin for a good shipping melon, but for home use or near-by market this is a most superb variety. All who want really delicious, high flavored watermelons should plant the Halbert Honey. Our seed is of the true Halbert strain, and we offer it at the following low prices. **Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 80c;** postpaid.



Water Melon. Harris' Earliest.

**Kleckley Sweets.**

This melon has become famous for its **high quality**. There is nothing finer in the way of water melons than the delicious, sweet, high flavored flesh of the "Kleckley Sweets." The melons are long, dark green and with very solid, crisp, bright red flesh with white seeds. It grows to a large size and is **always of a superb quality**. It is medium early and can be successfully raised anywhere south of New York state. We offer seed of the true Kleckley strain. *Our Northern grown seed is much superior to seed grown in the South.* **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 70c;** postpaid.

**HUNGARIAN HONEY.** One of the very best early melons for home use. The melons not only ripen **early**, but are deliciously sweet, with firm, solid, deep red flesh and small seeds. The fruit is nearly round and of medium to small size. Those who want an early melon of **high quality** should plant this variety. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.00;** postpaid.

**ICE CREAM or PEERLESS.** (*White Seeded.*) Early, and of delicious flavor. Fruit oblong and light green. On account of its earliness and fine quality this is a very desirable melon for home use. **Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 80c;** postpaid.

Deduct 10c. per lb. from postpaid price when seed is sent by express.

**MUSTARD, for Salad.**

**FORDHOOK FANCY.** A new and beautifully curled mustard that is not only very handsome, but it is of very mild pleasant flavor. The leaves are curled and fringed, and the plant remains longer without running to seed than other kinds. This is certainly the finest variety for salads and garnishing. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 80c;** postpaid.

**Giant Southern Curled.** Grows nearly two feet high, and has finely curled leaves which are excellent for salad. Very popular in the winter and early spring. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c;** postpaid.

**White London.** Used while young for salad. The seed is used for flavoring pickles. **Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 35c;** postpaid.

One ounce of seed will sow about 150 feet of row.

**Our Onion Seed** is all grown from carefully selected Onions, all inferior ones being rejected, and will therefore produce much evener and better crops of Onions than the seed usually sold. To get large crops of good, sound ripe onions of good color and small tops you must have the very best of seed. Cheap, carelessly grown seed will not give such crops, even if it is perfectly fresh and germinates well.

**Eastern Grown Seed.** In the judgment of most experienced onion growers eastern grown seed is superior to seed grown in California, where nine-tenths of the seed sold is now grown. California grown seed can be sold at a much lower price than eastern grown, but it does not produce as early and even a crop as seed produced here. It costs much more to raise onion seed in the east, but it is worth many times as much as that grown in California.

**Germination Tests.** It is quite important for an onion grower to know just what per cent of the seed will germinate, so that he can judge how thick to sow in order not to waste the seed or get the crop too thin. All the seed we sell is given thorough tests for germination, and the **exact results** from such tests are **marked on each package of seed** so that the purchaser can tell just what proportion of the seed is of good vitality. This ought to be worth a good deal to any grower. *We shall be glad to tell any onion grower just how our seed of any varieties he wished germinates in our tests before he buys the seed.*

**SOW ONION SEED IN AUGUST**

It is not generally known, but nevertheless a fact, that onions sown in July or August will pass the winter without injury and produce nice bunching onions in the early spring—earlier than they can be obtained from sets and at far less cost. White Portugal is the best variety for this purpose. Throw a little earth up to the rows in the fall and cover with coarse manure when the ground freezes.

**Onion Culture.** Onions are raised in two ways, from seed and from sets. Seed sown in early spring produces ripe onions in the fall, while sets set out at the same time make green "bunching" onions in a few weeks and dry ripe onions in July or earlier. Sets may be set out in the fall and will produce green onions much earlier than when set in the spring.

To raise good onions from seed the land must be rich and in fine condition. Sow the seed as early as possible in rows 14 in. apart. Weed as soon as the onions appear and keep well cultivated all through the season. Seed may also be sown in a hotbed or greenhouse in February or March and the onions transplanted to the open ground when warm enough. The finest onions are raised in this way.

**Mammoth Ironclad.** Very large, handsome, oblong melon, dark green, striped with lighter green. Flesh firm, solid and sweet, and surrounded with a very hard and tough, though thin rind, which makes it valuable for shipping. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 75c;** postpaid.

**MOUNTAIN SWEET.** A large, medium early variety that has long been very popular. The melons are oblong in shape, deep and have bright red flesh of good quality. **Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 50c;** postpaid.

**CITRON for Preserves.** This melon is used exclusively for making preserves. The rind is thick and clear white, and makes preserves of excellent quality. Cultivation similar to watermelons. There are two varieties, one with *red* seed and the other with *green*. The green seeded variety is called *Colorado Preserving*, and is superior to the red seeded kind in size and productiveness. We therefore now offer the green seeded variety. The fruit is round, striped and handsomely marbled. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 70c;** postpaid.

**OKRA or Gumbo.**

Used for thickening and flavoring soup. The pods contain a large amount of gum, which imparts a thickness and softness as well as flavor to the soup. Directions for use can be found in any good cook book. The seed should be sown in the open ground when the ground is thoroughly warm. In this latitude about June first. The pods should be picked and dried while green.

**WHITE VELVET.** A distinct and valuable variety. The pods are large, round and smooth, and of excellent quality. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c;** postpaid.

**PERFECTED PERKINS' LONG POD.** This variety is now used almost exclusively by the soup canners, as the pods are of a deep green color and of fine quality and the plant is **very prolific**. The "Perfected" strain we offer is superior to the ordinary strain of this variety. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c;** postpaid.

**Onions.**

It requires about six pounds of seed per acre.

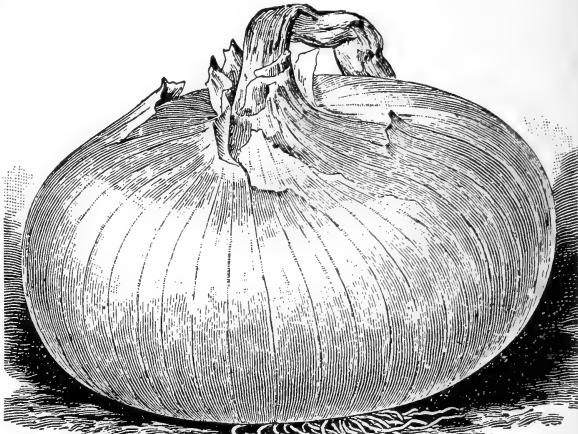
**YELLOW GLOBE DANVERS, SELECTED STRAIN.** The Yellow Globe Danvers has long been the most popular Onion, and we have bred up a very fine strain of it, which for uniformly fine shape and color and good keeping qualities we think has few equals in this country. Before setting out the onions for seed they are carefully sorted, and all that have large "necks" or light color, or not of the right shape, are rejected. We often reject 25 bushels out of a hundred. This makes the seed cost a great deal more than when raised in the ordinary way, but it is worth many times as much. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.60, postpaid. By express, lb. \$1.50. 5 lbs. or more, \$1.40 per lb.

### ROUND YELLOW DANVERS.

This strain produces bulbs that are flatter than the Globe Danvers, but otherwise similar to that variety. The onion matures a little earlier which makes this variety desirable where seasons are short. It is also used for raising onion sets. Our seed is first-class in every way and will produce nice, even, well matured onions of best quality. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.10, postpaid. By express, \$1.00 per lb.

**SOUTHPORT YELLOW GLOBE.** A very handsome onion of perfect globe shape and good deep yellow color. A little later than the Danvers and requires higher culture. We have a first-class strain of this popular variety. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 55c; lb. \$1.90. By express, \$1.80 per lb.

**HARRIS' RED GLOBE (Southport Red Globe.)** This is a very fine selected strain of the well-known Southport Large Red Globe onion, and is the finest red onion grown. The bulbs grow very large and of perfect globe shape, and of the darkest red color. The onions have small necks and are smooth and handsome. They keep better than any other variety and are of mild flavor. On good onion land this is the best and most profitable red onion grown. It is a little later than Red Weatherfield, but is a much handsomer and better onion. Our eastern-grown seed produces firmer and deeper colored onions than western-grown seed. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75, postpaid. By express, \$1.65 per lb.



Mammoth Silver King

**Southport White Globe.** The bulbs are of perfect globe shape, very firm and solid, perfectly white and of fine quality. In the hands of experienced growers this is a very profitable onion, as it always commands the highest price. Our seed is of the true Southport strain, and will be found all that can be desired and much superior to the western grown seed usually sold. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 70c; lb. \$2.60, postpaid. By express, \$2.50 per lb.

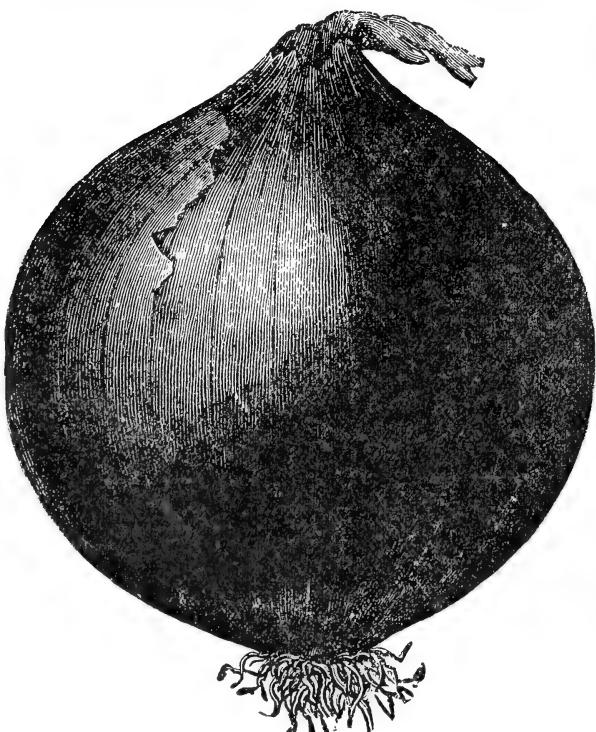
**EARLY LARGE RED. (Flat.)** This is the earliest large red onion. The bulbs are large around and flattened, and are firm and of fine quality. This onion will yield large crops even where seasons are short and the soil not perfectly adapted to onions, as the bulbs mature very early. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.45. By express, \$1.35 per lb.

**Prizetaker.** This variety produces very large and handsome onions of good bright yellow color and mild flavor. Single bulbs grown under favorable conditions often weigh 3 to 4 pounds each, and heavier weights have been attained. The onions are globe-shaped and of very mild, pleasant flavor. While these onions can be grown by sowing the seed in the ordinary way in the open ground, yet the largest and finest specimens are obtained by sowing the seed in shallow boxes in February or March, and transplanting to the open ground as soon as the weather is warm enough. The Prizetaker requires two weeks longer to mature than Yellow Danvers. Our American grown seed is much superior to imported seed for use in this country. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.45, postpaid. By express, \$1.35 per lb.

**Mammoth Silver King.** A very large pure white onion of fine quality, being of very mild pleasant flavor. It is the largest white onion we know of, often weighing 4 lbs. and more. It is a fine variety for the home garden or to raise for market on a small scale, but is not suitable for shipping or storing in winter as it does not keep well.

Gardeners have lately discovered that they can market these large, pure white onions while green in bunches and find it very profitable.

Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00, postpaid  
By express, \$1.90 per lb.



Harris' Selected Red Globe

**AUSTRALIAN BROWN.** This is a variety possessing remarkable keeping qualities. These onions have been kept in perfect condition the year around. The onions are of medium size, somewhat flattened, and of a light reddish brown color. They mature very early, being two weeks earlier than Yellow Danvers. The bulbs are very firm and ripen up hard and smooth with very small necks. The flavor is mild and sweet. Pkt. 5c; oz. 18c;  $\frac{1}{4}$  lb. 40c; lb. \$1.40, postpaid. By express, \$1.30 per lb.

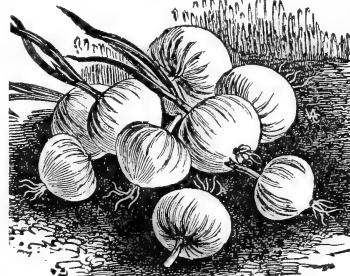
**EARLY WHITE PEARL.** A very early white onion that grows to a good size and is of very mild flavor. The onions are flat about  $2\frac{1}{2}$  inches in diameter, and pure white. They mature very early and as they attain a good size, they are profitable for early fall market. They do not keep well and should be all marketed before late in the winter. This variety is of a mild, delicate flavor, and is a desirable kind for home use as well as market. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75, postpaid. By express, \$1.65 per lb.

**RED WETHERSFIELD.** A very large, deep red onion, that matures early and succeeds well everywhere. The bulbs are flattened, very large around, solid and of fine quality. A good keeper. One of the best red onions for home use or market, where a globe-shaped onion is not required. Our seed is of an extra fine strain. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.35, postpaid. By express, \$1.25 per lb.

**White Portugal, or Silver Skin.** An early, flat white onion of large size and mild flavor. Excellent for family use or market, matures earlier than Yellow Danvers and keeps very well. Largely sown for sets. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 65c; lb. \$2.50. By express, \$1.40 per lb.

NOTE. This variety may be sown in July or August and left in the ground over winter and will make fine pure white bunching onions early in the spring at much less cost than sets and just as early.

**EXTRA EARLY BARLETTA.** This remarkable little onion is a wonder for rapidity of growth and early maturity and evenness in size and shape. It is the handsomest and most perfect white pickling onion grown. When sown thickly they will grow to about the size of a cherry, perfectly round, pearly white and of very mild flavor. A most profitable onion to raise for market, as white pickling onions are always in demand and bring high prices. With this variety it is no trouble to get large yields of perfect little white onions of even size that bring the highest prices. The seed can be sown as late as July first and mature a crop before fall. Pkt. 5c; oz. 18c;  $\frac{1}{4}$  lb. 45c; lb. \$1.75, postpaid. By express, \$1.65 per lb.



Early Barletta Onion.

## ONION SETS.

One quart will set 75 to 100 feet of row, depending upon the size of the sets.

Onion sets are used to produce onions earlier than they can be procured from seed. By using sets, large, ripe onions can be had in July or August, and green "bunching" onions early in the spring.

Our prices are subject to change without notice. They will probably rule about as quoted below. Please write us for prices on what quantity you need. You cannot get as good sets cheaper anywhere.

**YELLOW SETS.** Small and sound. By mail, pt. 20c; qt. 35c. By express, qt. 20c; pk. 90c; bu. (35 lbs.) \$3.00, subject to market changes.

**WHITE SETS. (Silverskin.)** By mail, pt. 25c; qt. 40c. By express, qt. 25c; pk. \$1.00; bu. (85 lbs.) \$3.75; subject to market changes.

**Egyptian or Perennial Tree Onion.** This is a distinct variety of onion that when once started will come up every year as soon as the frost is out of the surface soil, and will produce green bunching onions earlier than any other variety, and requires very little care. If the sets are set out in the spring they will divide and produce five or six new green onions the next spring from each set. They do not produce ripe onions. Sets by mail, pt. 18c; qt. 30c. By express, qt. 20c; pk. 75c; bu. \$2.25.

## PEPPERS.

One ounce of seed will produce 1,000 plants. Seed should be sown early in hot beds or greenhouses.

New "Giant Crimson." As large as Chinese Giant, earlier and more prolific. See page 12. Pkt. 10c; oz. 45c;  $\frac{1}{4}$  lb. \$1.50.

New "GIANT CAYENNE." Much larger than the old cayenne pepper, and the flavor is equally pungent. See page 12. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**Neapolitan.** The earliest large pepper grown. This new pepper is two or three weeks earlier than other large kinds, and it is so early that the seeds can be sown in the open ground and produce ripe peppers before frost in this latitude in a favorable season. This saves lots of trouble in raising plants in hot beds and transplanting them. If the plants are started early the peppers will be ready to use in July, and earlier farther south. The peppers are of good size, a little longer and not quite so thick through as Bull Nose or Ruby King. They are produced upright on the plants, and as many as 30 or 40 have been counted on a single plant. The fruit is mild and of sweet, pleasant flavor, and of a very bright red. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.75.



Ruby King Pepper.

**Chinese Giant.** The largest red pepper grown. The fruit often measures four or five inches high and as much in diameter. It is a "sweet pepper," being very mild flavored and has thick flesh. It is about as early as Ruby King, and nearly double its size. Our seed is of the finest strain of the genuine Chinese Giant, and fully equal to any seed offered at any price. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.10; lb. \$4.00.

**SWEET MOUNTAIN.** An early, large, sweet red pepper, with fruit of good size, about the shape of Bull Nose. Flavor not as mild as Ruby King, but the fruit ripens earlier than that variety. The plant is quite prolific and will produce a great many peppers if they are kept picked as fast as they mature. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.25.

**Ruby King.** The most popular large red pepper. We have a very fine selected strain that produces fruit of the largest size, handsome shape and bright red color. With mild and pleasant flavor. The plants are more prolific than most strains of this variety, and the fruit ripens earlier and is of better shape and quality. Pkt. 8c; oz. 25c;  $\frac{1}{4}$  lb. 65c; lb. \$2.50.

**LARGE BELL, or BULL NOSE.** One of the hardest, earliest and best varieties. Bright red, thick flesh, and fairly mild, but more pungent than Ruby King or Giant Crimson. If the seed is sown in the open ground early in May, in good rich soil, the fruit will ripen before frost in a favorable season. It is better, however, to raise the plants in a hotbed. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 65c; lb. \$2.40.

**Cayenne.** Used for seasoning pickles. The peppers are long and slim, bright red when ripe, and of sharp, pungent flavor. The plants are very productive. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 65c; lb. \$2.25.

**GOLDEN DAWN.** The best and largest yellow variety. The peppers when ripe are of a beautiful golden yellow, of fine shape, and of sweet, pleasant flavor. Early and very productive. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 65c; lb. \$2.50.

**Pepper Plants.** See plant department, back pages of catalogue.

# PARSLEY

One ounce of seed will sow 150 feet of row.

## Dwarf Perfection.

This is, without doubt, the finest parsley grown. The plant is of semi-dwarf habit, very compact and of a beautiful bright green, while the leaves are very finely cut and curled. **Pkt. 10c; oz. 20c;**

**½ lb. 70c.**

**Champion or Triple Moss Curled.** Makes a strong growth of deep green, finely cut and curled leaves of excellent quality. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 95c.**

**Extra Double Curled.** A finely curled parsley. Very dark green. The leaves are not as finely cut and curled as above kinds. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 95c.**

**Turnip-rooted or Hamburg.** The roots are used instead of the leaves. We offer an improved variety called "Thick Sugar," which has nice, smooth, white roots of medium length and large around, and of fine sweet flavor. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 95c.**

# Peas

One quart of seed will sow 100 feet of row. Two bushels per acre.

There is a great difference in Seed Peas of the same variety. Some are mixed and produced poor, half-filled pods, while others are pure and bear even crops of large, well-filled pods. The difference is in the way the seed is grown.

Our Seed Peas are all grown in the north, and are of the earliest and hardiest as well as the purest strains. They are far superior to most of the Seed Peas sold. They will produce an even crop of well-filled pods, which cheap and carelessly grown seed will not do.

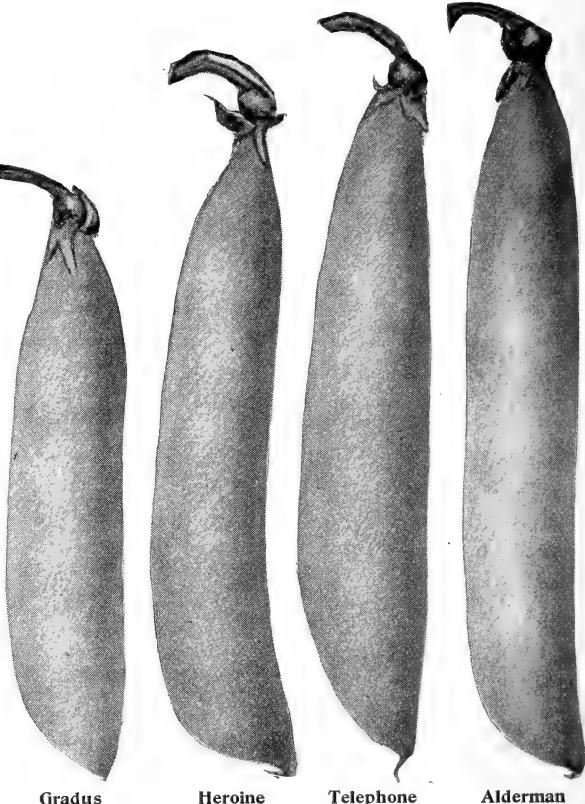
## A FEW WORDS ABOUT VARIETIES

The small early peas, such as Alaska and First and Best, are valuable principally because of their earliness and hardiness. They can be sown while some frost is still in the ground, while if the larger and sweeter peas were sown at the same time the seed would rot.

To get peas as early as possible, Alaska, or First and Best should be sown as soon as the frost is out of the ground. For family use, however, it is better to wait a little and sow Surprise, which is as early as Alaska, and of far better quality. To follow these closely Nott's Excelsior or Sutton's Excelsior are best, as they are very early and of fine quality and prolific. A little later than these come Duke of Albany, Telephone and Heroine, and many other fine varieties with large pods and of very fine quality. For very late, New Queen is best.

These varieties all sown at the same time will give a continuous supply of the finest peas for a long time. By sowing some Heroine or Dwarf Champion two or three weeks later the season may be prolonged still further.

**QUANTITY TO SOW.** Very few people sow enough peas. For a family of five or six people, the following quantities should be sown to furnish a liberal quantity nearly every day: 1 qt. Alaska or Surprise, for first early; 2 qts. Nott's Excelsior or Sutton's Excelsior; 1 qt. Duke of Albany, Alderman or Telephone; 1 qt. Heroine; 1 qt. Harsford's Market Garden.



## SOME PEAS OF SPECIAL MERIT.

**Surprise or Eclipse.** This is the earliest sweet wrinkled pea. It is only a day or two later than Alaska, and is of far better quality. The pods are of fair size, and the vines are very prolific. One of the very best early peas, and we highly recommend it for family use. See price next page.

**Ameer.** Has large pods and is very early, fully as early as Gradus and is much hardier and produces double the yield, but is not of fine quality. A very profitable market variety. See price next page.

**Alderman.** A new and very fine pea for main crop. The pods resemble Telephone, but are larger, deeper green and better filled, while the vines are of more robust growth and more prolific. It is really an improved Telephone. Three foot tall, medium late. See price next page.

**Prince Edward.** A new variety with pods even larger than Alderman. The pods often grow 6 inches long and are well filled with large peas of the very finest quality. Vines grow 3 ft. tall and are fairly prolific. A grand variety for those who want the very largest and best peas that can be grown. Season medium late. See price list below.

**Sutton's Excelsior.** The best early dwarf pea we know of. Much like the well-known Nott's Excelsior, but has larger pods, vines grow a little taller and are more prolific, but the peas mature a day or two later. Valuable for either home use or market. The vines need no support. Those who want a dwarf pea that is early and prolific, with large pods and peas of high quality, will do well to use this variety. See price next page.

**Heroine.** This is one of the best late, or main crop peas, either for home use or market. The pods are immense, being 5 to 6 inches long, and the peas are large, deep green and of delicious sweetness and flavor. The vines grow about 3 feet high and produce large crops. See price next page.

**Nott's Excelsior.** The earliest dwarf pea. Plant grows only about a foot high and needs no support. Pods are of good size and well filled, and the quality of the pea is delicious. One of the best for home use and market.  
See price below.

**New Dwarf Champion.** Those who know the old Champion of England pea will welcome this new variety, which is practically the same pea with vines that grow only two feet high and do not need support. The Dwarf Champion is very prolific, has pods of good size and the peas are of the highest quality. Season medium to late. See price below.

**Horsford's Market Garden.** This is one of the **most prolific** peas we know of. Although the pods are not as large as some other kinds yet they are produced in much greater numbers and the yield is therefore larger than from other varieties. The peas are of good size and of delicious sweetness and flavor, being of as fine quality as any pea grown. Vines grow 2 ft. tall and do not require support. We feel that this variety is not appreciated among private gardeners as much as its merits deserve. It is certainly one of the very best late peas. Matures soon after Telephone. See price list below.

### PEAS—EARLY VARIETIES.

	Postpaid.			By Express			
	$\frac{1}{2}$ Pt.	Pint	Quart	Pint	Quart	4 Qts.	Peck
<b>LAXTONIAN.</b> New, large podded extra early pea. See page 12.	\$0 20	\$0 35	\$0 65	\$0 25	\$0 50	\$.....	\$.....
<b>Alaska.</b> The earliest. Pods of medium size, well filled.....	14	25	45	17	30	1 15	2 25
<b>SURPRISE, or Eclipse.</b> Earliest sweet wrinkled pea.....	17	30	60	25	45	1 70	3 25
<b>AMEER.</b> Early, large pods. A profitable market variety.....	17	30	60	25	45	1 60	3 00
<b>THOMAS LAXTON.</b> Very early, large pods, profitable for market. Pods not quite as large as Gradus but more prolific.	20	35	70	30	55	1 90	3 75
<b>First and Best, or Earliest of All.</b> A fine strain of extra early peas.....	15	25	50	20	35	1 25	2 50
<b>NOTT'S EXCELSIOR.</b> Earliest dwarf pea. See description below.....	17	30	60	25	45	1 75	3 50
<b>SUTTON'S EXCELSIOR.</b> Larger than Nott's and almost as early. See previous page.....	17	30	60	25	45	1 75	.....
<b>GRADUS, or "Prosperity."</b> Early, large pods, finest quality.	20	35	70	30	55	1 90	3 75
<b>McLean's Little Gem.</b> An early dwarf pea, growing 15 in. high.....	17	30	60	25	45	1 70	3 25
<b>Premium Gem.</b> A fine strain of Little Gem, early and prolific	17	30	60	25	45	1 70	3 25
<b>American Wonder.</b> Formerly considered the earliest dwarf pea, but it has been largely superseded by Nott's Excelsiorf	17	30	60	25	45	1 70	3 25

### MEDIUM AND LATE VARIETIES.

<b>PRINCE EDWARD.</b> (New)—Very fine See previous page...	17	30	60	25	45	1 60	3 00
<b>Carter's Daisy, or Dwarf Telephone.</b> Crop of seed failed.....	.....	.....	.....	.....	.....	.....	.....
<b>NEW DWARF CHAMPION.</b> Like Champion of England, but vines do not grow so tall (2 ft.) Quality very fine.....	17	30	55	22	40	1 50	2 85
<b>Horsford's Market Garden.</b> Valuable for market or home use. Grows 2 ft. high, is very productive and of finest quality. Pods of medium size.....	16	28	50	20	35	1 15	2 25
<b>DUKE OF ALBANY, or American Champion.</b> Much like Telephone, but better. Large pods, well filled with peas of finest quality, 3 ft. tall, medium late.....	17	30	55	22	40	1 50	2 85
<b>ALDERMAN.</b> An improved Telephone. See description above.	17	30	55	22	40	1 50	2 85
<b>HEROINE.</b> One of the very best late kinds. Very long pods well filled with deliciously sweet, dark green peas. 3 ft. tall.	16	28	50	20	35	1 30	2 60
<b>TELEPHONE.</b> The standard for quality. Large pods and quite prolific. 3 ft. tall, medium late.....	17	30	55	22	40	1 45	2 75
<b>Long Island Mammoth, or Telegraph.</b> Large pods, hardy and prolific. A profitable market pea, but not of the highest quality. 4 ft. tall.....	16	28	50	20	35	1 30	2 50
<b>McLean's Advancer.</b> A very prolific second early variety, 2½ feet.....	16	28	50	20	35	1 25	2 40
<b>JUNO.</b> Very prolific, large pods. One of the best kinds for main crop. 2 ft. tall, late .....	16	28	50	20	35	1 25	2 40
<b>NEW QUEEN.</b> Finest large, <b>very late</b> pea. Vine 4 ft. high..	17	30	55	22	40	1 50	.....
<b>Champion of England.</b> Grows 4 to 5 feet tall, very prolific, and still one of the best late peas.....	16	28	50	20	35	1 30	2 50
<b>Improved Stratagem.</b> A very large fine pea, growing about 20 inches tall, strong and stocky, late .....	20	35	60	25	45	1 65	.....
<b>Yorkshire Hero.</b> Bears large, well filled pods, on stocky, vigorous vines. A first-class late pea. 1½ ft. tall.....	17	30	55	22	40	1 45	2 65
<b>Dwarf White Marrowfat.</b> Does not grow quite as tall as the old marrowfat.....	13	22	40	15	25	85	1 60
<b>Large White Marrowfat.</b> Very popular for many years.....	13	22	40	15	25	85	1 60
<b>Mammoth Melting Sugar.</b> Edible pods. The largest and finest of this class; vines grow tall and are very prolific.....	17	30	55	22	40	1 50	.....

For prices in larger quantities see our Market Gardeners' Wholesale Price List.

# PARSNIPS

One ounce of seed will sow 150 feet of row; 6 lbs. per acre.

## Harris' New Model.

By very careful selection of roots for seed purposes we have produced a strain that we think is very much superior to that usually sold. The parsnips grow to a medium length and are very smooth, without small roots or prongs, and are snow white, much whiter than other kinds, and therefore more attractive in market. *See page 13.* Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 35c; lb. \$1.20. By express, \$1.10 per lb.

**IMPROVED GUERNSEY HALF LONG.** The roots grow to a medium length and do not taper as much as the older kinds. They are smooth, even in shape, easily dug, and are fine grained, sweet and tender. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 80c.

**Long Hollow Crown.** Long, smooth and straight, and of fine quality. We have a fine strain of this popular variety. *Same price as Improved Guernsey.*



Calhoun Pumpkin—(From a Photograph.)

**Large Cheese.** Fine grained and sweet. Large fruit, mottled light green and yellow. The best variety for the South. Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 15c; lb. 45c, postpaid.

**MAMMOTH POTIRON** (also called "King of Mammoths" and "Jumbo.") The largest pumpkin grown, often weighing 100 pounds. Salmon colored skin, flesh thick and of good quality. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25, postpaid.

**CONNECTICUT FIELD, or "Big Tom."** The common large yellow pumpkin; the best to grow among corn for stock feeding or pies. Our strain of this variety is very fine, and produces the largest and handsomest pumpkins. Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 15c; lb. 40c, postpaid. By express, lb. 30c; 5 lbs. 25c per lb.

**Small Sugar.** Small deep yellow pumpkins, ribbed and flattened at the ends. They have good thick, sweet flesh that is excellent for pies. There is always a good demand for these pumpkins in market, and as the vines are very prolific they are a profitable crop. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 18c; lb. 55c, postpaid.

Deduct 10c per lb. if seed is sent by express.

# RADISH



One ounce of seed will sow 75 to 100 feet of row.

For sowing in frames or greenhouses Early Scarlet Globe is the most popular variety. It is also good for sowing in the open ground. Very fine radishes can be grown in the open ground by sowing the seed late in the summer. At this time the maggots do not trouble them and they grow large and smooth in the cool fall weather.

**FELTON'S IMPROVED WHITE BOX.** A magnificent large, rapid growing white radish. Very handsome and attractive in appearance, solid and of best quality. This radish is as round as a ball, with small root and tops, and has pure white skin. It is the best white radish for forcing or outdoor culture. This strain is much superior to the Philadelphia White Box Radish, as it has smaller tops and matures earlier. Although not as early as some of the small red varieties, it is so large and handsome that it brings the highest price in market. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c. By express, 75c. per lb.

**Icicle.** This new white radish grows with remarkable rapidity, and is valuable for forcing as well as open ground. The radishes are long, straight, pure white, and about the same size nearly the whole length. It is earlier than White Vienna or Lady Finger, and is of very fine quality. Pkt. 5c; oz. 8c;

$\frac{1}{4}$  lb. 20c; lb. 60c, postpaid. By express, 50c. per lb.

**Long Scarlet Short-Top.** Grows 6 to 8 inches long; is straight, smooth and bright scarlet, and is of the best quality. Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 20c; lb. 60c.

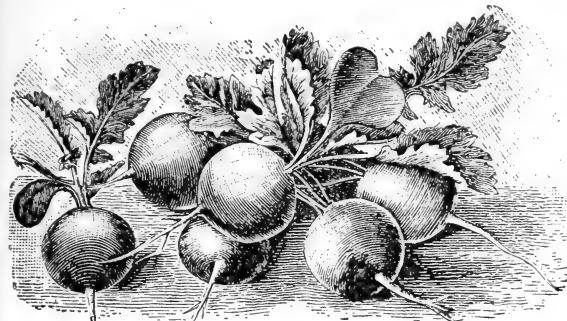
**CHARTIER.** The best long radish. Larger around than above, and not quite so long. Smooth, straight, bright red, with white tip. Very handsome and of fine quality. Remains for a long time before getting stringy. Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 20c; lb. 65c. By express, 55c. per lb.

**French Breakfast:** Olive-shaped, with white tip; crisp and tender. Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 20c; lb. 60c.

**White Strasburg.** A first-class long white radish for summer use; will remain crisp and tender even when very large. Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 20c; lb. 60c, postpaid.

**Crimson Giant Globe.** A new forcing radish that grows much larger than other kinds without becoming hollow or pithy. It can be allowed to grow to twice the size of the other early kinds and still retain its fine quality, being solid and crisp. The radishes are globe-shaped, bright red, and have small tops. It grows with great rapidity and gets large enough to use as early as any kind, but in order to attain its full size it should be allowed to grow a little longer. Gardeners will find this a profitable kind for forcing, as its large size and handsome appearance command a premium in any market. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 65c. postpaid.

**EARLIEST SCARLET FORCING.** Called also "Scarlet Button" and "Dark Red Ball." This is the best and earliest round or turnip shaped radish for forcing or open ground. It grows as round as a ball, with very short leaves and is of a deep scarlet color. It grows with great rapidity, often get-



Earliest Scarlet Forcing Radish.

ting large enough to pull in 18 days from sowing the seed. This radish is very popular for forcing and open ground and our strain will be found unsurpassed. **Pkt. 5c; oz. 8c; 1/4 lb. 20c; lb. 75c.** By express, **65c. per lb.**

**EARLIEST SCARLET WHITE-TIPPED.** Also called "Rosy Gem" and "Rapid Forcing." This is the same as the earliest Scarlet Forcing, except that each radish is tipped with white, making them very handsome when bunched or on the table. **Pkt. 5c; oz. 8c; 1/4 lb. 25c; lb. 75c.** By express, **65c. per lb.**

**Early Scarlet Globe.** Called also "Red Rocket," "Starlite" or "20 Days."

A very early globe-shaped radish, suitable for forcing or open ground. The radishes are of handsome shape, attractive bright red, and are crisp, solid, and of the finest quality. They grow so rapidly that under favorable circumstances they may be pulled **20 days** from sowing the seed. This is the most popular variety for forcing. Our seed is of the very finest French strain, grown from transplanted roots, and will be found unsurpassed. **Pkt. 5c; oz. 8c; 1/4 lb. 20c; lb. 65c.** By express, **55c. per lb.**

**EARLIEST SCARLET GLOBE SHORTLEAF.** Grows more oval in shape than the early scarlet globe, and is very popular for forcing. It is the finest and earliest strain of olive-shaped radish grown, no matter what name it is sold. It has very short leaves, and makes a remarkably rapid growth, and is not hollow or pithy. **Pkt. 5c; oz. 8c; 1/4 lb. 20c; lb. 75c.** By express, **65c. per lb.**

**GIANT WHITE STUTTGART.** A very large, round, white radish, of good quality, used as a summer and fall variety, as the roots will stand a long time without becoming pithy. **Pkt. 5c; oz. 8c; 1/4 lb. 20c; lb. 65c. postpaid.**

## Winter Radishes.

These varieties should be sown in July and August. They do not succeed if sown in the spring. They are excellent for fall and winter use, and will keep a long time in sand in the cellar.

**CHINESE ROSE.** One of the very best varieties. Roots five or six inches long and two inches in diameter. Bright rose color; flesh white, crisp, and of mild, delicate flavor. **Pkt. 5c; oz. 8c; 1/4 lb. 20c; lb. 70c.**

**Long Black Spanish.** A long, smooth radish, nearly the same size at the bottom as the top, and of dark brown color, nearly black. Flesh white and solid. Popular in market. **Pkt. 5c; oz. 8c; 1/4 lb. 20c; lb. 60c. postpaid.**

**Black Spanish Turnip.** Similar to the above except in shape, which is short and round like a turnip. **Pkt. 5c; oz. 8c; 1/4 lb. 20c; lb. 65c. postpaid.**

**Chinese Rose.** **California Mammoth White.** Very large; pure white, roots long, straight and smooth. **Pkt. 5c; oz. 8c; 1/4 lb. 20c; lb. 75c. postpaid.**

Deduct 10c. from "postpaid" price when seeds are sent by express.

## RHUBARB or Pieplant.

The roots can be raised from seed sown in the spring, and are ready to transplant to the permanent bed the next spring. The seed must be sown in fine, rich soil, and the seedlings must have good care.

**Myatt's Linnaeus.** The earliest and best variety. The stalks grow very large, often two inches wide, and are light green and scarlet. **Pkt. 5c; oz. 12c; 1/4 lb. 30c; lb. \$1.10.** By express, **\$1.00 per lb.**

**RHUBARB ROOTS** of above variety. By mail, one year roots, 15c. each; 6 for 75c. By express, one year roots, 8c. each; 75c. per doz; two year roots, 12c. each; \$1 per doz; \$5.00 per 100.

## Spinach

One ounce of seed will sow 75 feet of row. It requires about 15 pounds of seed per acre.

Spinach should be sown as early as possible in the spring. It will be ready for use in four or five weeks after sowing. For fall use and to winter over, sow the seed about September 1st in this latitude.

### New "Long Season" Spinach.

This new Spinach stands longer without running to seed than any other kind. The leaves are very thick and dark green—much deeper in color than other kinds. The plants resemble the Savoy Leaf in appearance, but are darker green, and stand much longer. This is a very fine new variety, and we highly recommend it for both market and the home garden. Those who have had spinach run up to seed just as it got large enough to use will appreciate this new kind which will stand much longer than any of the older varieties, and give nice fresh greens long after other kinds have become useless. **Pkt. 5c; oz. 10c; 1/4 lb. 12c; lb. 30c, postpaid.** By express, **20c per lb.**

**VICTORIA.** The great value of the spinach is its habit of remaining a long time in good edible condition without going to seed. It is especially valuable on this account for spring sowing. The leaves are round, thick, broad, dark green, and somewhat curled, and are of the best quality. A faster grower than Long Seasons and can be used earlier but does not stand so long



without running to seed. It is quite hardy and can be sown in the fall for spring use. **Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 12c; lb. 30c.** By express, **20c per lb; 5 lbs. or more, 15c per lb.**

**NORFOLK SAVOY-LEAVED,** (also called *Bloomsdale*.) A very handsome variety, with curled or blistered leaves like a Savoy cabbage, and of first-class quality. Runs to seed quickly in hot weather. Our strain of this variety is exceptionally fine. *Same price as Victoria.*

**Large Thick-Leaved VIROFLAY.** Very large, thick pointed leaves of good quality. Grows more rapidly than other kinds, so can be used earlier. Plant makes a more upright growth than Long Standing. *Price same as Victoria.*

**TRIUMPH, or "Improved Long Standing."** This strain has very thick, dark green leaves which are of the best quality and last in good condition for a long time after cutting. A valuable variety. *Price same as Victoria.*

**LONG STANDING. (Enkhuizen Strain.)** Leaves large, thick, round, dark green and of fine quality. The strain we offer, grown at Enkhuizen, Holland, is exceptionally fine. The leaves are larger and thicker, and the plants remain longer without running to seed than the ordinary Long Standing. *Price same as Victoria.*

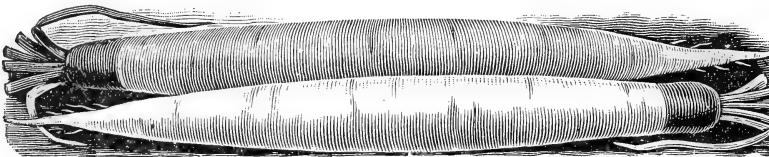
**MUNSTERLAND.** (Prickly seed.) This is a new strain of the hardy prickly seeded winter spinach, which has larger leaves than the old variety and is better in every way. This is considered the hardiest variety, and is largely used for fall sowing to winter over. *Price same as Victoria.*

**Round-Leaved Winter.** This is a *hardy* spinach that stands the winter well. It has thick round leaves and round seed and on this account is superior to the narrow leaved prickly seeded kinds which are largely used for wintering over. *Price same as Victoria.*

**NEW ZEALAND SPINACH. (*Tetragonia expansa*.)** This is not a true spinach, but a plant that can be used for the same purpose. Produces an abundance of leaves on stems a foot or more in length. Will grow during hot, dry weather when other spinach would be useless, continuing to furnish nice "greens" all summer. The leaves and stems are tender and of excellent flavor. Soak in warm water 12 hours before sowing, as it is difficult to get it to germinate. Sow the seed in May, in rows 2 feet apart. **Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25; lb. 90c, postpaid.**

## SALSIFY, or VEGETABLE OYSTER

One ounce of seed will sow 70 feet of row; 8 to 10 lbs. per acre.



Mammoth Sandwich Island Salsify.

Salsify is as easily grown as parsnips, and is more delicate and finely flavored. It is used in the fall and winter and early spring when there are few other vegetables, and is always welcome. Do not think of omitting it from your garden. The seed should be sown in May.

**MAMMOTH SANDWICH ISLAND.** An improved variety that grows **very large**, often measuring four to five inches around, and of the **best quality**. Our seed is of an extra large and fine strain.

**Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. \$1.10, postpaid. By express, \$1.00 per lb.**

## SORREL

The improved large leaved garden sorrel is used as greens like spinach, or for flavoring soup. Sow the seed in the spring in good light soil and thin the plants to 4 inches apart.

**Improved Broad Leaved.** The best variety. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.35, postpaid.**

One ounce of seed of summer varieties will plant 35 hills.

## Squash

### SUMMER VARIETIES.

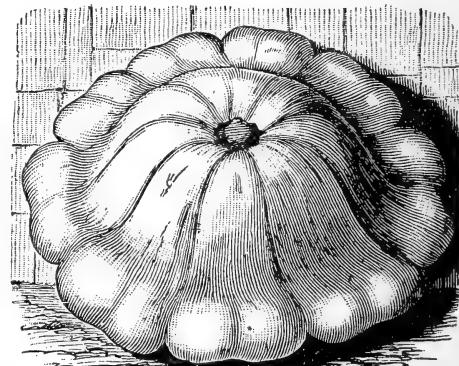
**NEW GIANT CROOKNECK.** This improved strain of the Old Yellow Summer Crookneck Squash is as early as that variety, while the fruit grows **nearly twice the size**. The squashes are deep golden yellow, and very warty, but not of quite as good quality as the old kind. Vines grow longer than the old smaller variety. **Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 20c; lb. 65c, postpaid.**

**Early Bush Crookneck.** The old popular Yellow Crookneck Squash is of fine quality and very early. The vines grow only two feet long, so can be planted near together. **Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 20c; lb. 60c, postpaid.**

**MAMMOTH WHITE BUSH SCALLOP.** The fruit is round, pure white and scalloped around the edges. This squash is of excellent quality for summer use. Our strain is the Improved Mammoth, which is much larger than the old kind and equally early. **Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 20c; lb. 70c.**

**Early Yellow Bush Scallop.** The same as White Bush Scallop described above, except that the fruit is yellow and has yellow flesh. **Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 20c; lb. 70c, postpaid.**

One ounce of winter varieties will plant 20 hills; 3 or 4 lbs. of seed per acre.



Mammoth White Bush Scallop.

**BOSTON MARROW.** An excellent fall squash, well known and popular in market. Fruit of good size, deep orange yellow, and with thick flesh of the best quality. We have a very fine pure strain. There is no better squash for fall and early winter use. **Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 70c.**

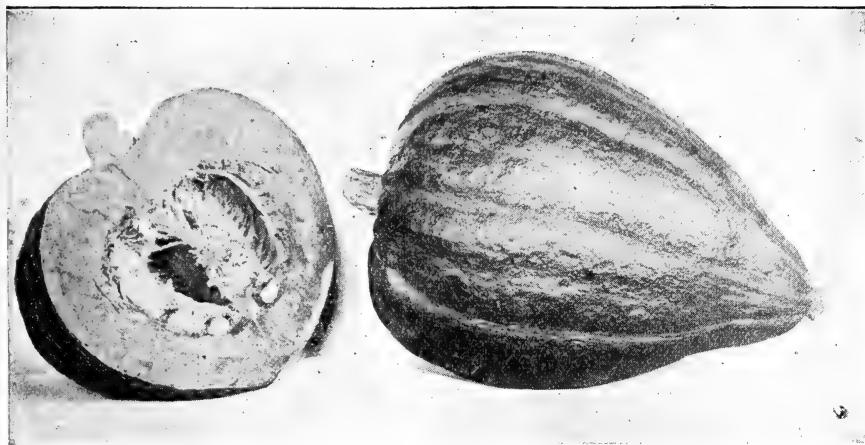
**Prolific or Early Orange Marrow.** Fruit deep orange color, with thick yellow flesh of the finest quality. It is very similar to Boston Marrow but of darker color. One of the best squashes for fall or winter use. **Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c.**

**ESSEX HYBRID.** A sweet, fine-grained and high-flavored squash. Flesh very thick, deep yellow and firm. Fruit is round, ribbed and flattened at the ends, and of a deep orange color. Will keep all winter. **Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 80c.**

**Hubbard.** **TRUE ORIGINAL STRAIN.** There is no finer winter squash than a true Hubbard of the old original type. But there has been a great deal of seed sold of inferior strains which have not the fine quality of the old type. We are therefore glad to be able to offer some seed of **very fine strain** of the old stock, which will be found excellent in every way. The fruit grows to a good, large size, yet is heavy and of extra fine quality, cooking dry and without any stringiness; the color is even dark green, no light colored or striped fruit. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. 95c**, postpaid. By express, **85c per lb.**

**GOLDEN HUBBARD.** Like the true Hubbard, except that the fruit is of a deep orange-red, making it very attractive in appearance, and it is of a very fine quality. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. 95c**, postpaid. By express, **85c per lb.**

**Marblehead.** Fruit light green, smooth, and is of medium size. Flesh thick, yellow, and cooks dry, and is of the finest quality. **Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c**, postpaid.



The Delicious Squash. (Photograph.)

**IMPROVED WARTED HUBBARD.** This strain of Hubbard squash produces **very large** fruit covered with warts, and of dark green color. Sells well in market, as the fruit is **very handsome** and of the **largest** size, but it is not as fine quality as the original Hubbard. The seed we offer is a fine strain of the true Chicago Warted Hubbard. **Pkt. 5c; oz. 12c;  $\frac{1}{4}$  lb. 30c; lb. 95c**. By express, **85c per lb.**

**Delicious.** This is the finest flavored winter squash we know of. It is so dry and fine-grained that it resembles a good sweet potato more than ordinary squash. The fruit is not quite as large as Hubbard, but is very heavy, and is of far better quality than that variety, being **drier, richer and sweeter**. Gardeners find it profitable for market where good quality is appreciated. **Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00**, postpaid. By express, **90c per lb.**

## Tomatoes

One ounce of seed will produce about 2,000 plants.

**Our Special Selected Strains.** We have for years made a specialty of raising tomato seed of the best possible quality, and we think our strains of some of the new and standard varieties are as fine as can be found anywhere, and **far superior** to what is usually sold. The seed of these special varieties is all grown on our own farm, and the greatest care is taken to improve the stock by careful selection of the fruit from the best vines. Gardeners who wish an even crop of smooth fruit should try our seed.

**Notes on Varieties.** Of the early varieties Earliana, Early Detroit, Bonny Best and Chalk's Early Jewel are decidedly the best. Of these Earliana is the earliest but does not color as well around the stem as Bonny Best, which is a little later but better colored.

None of the very early kinds, except "Bonny Best," is of as fine quality as the best of the later varieties. Among these the best of the **dark red** varieties are Stone, Magnificent, Success and Maule's Enormous. The best **pink** tomatoes for main crop are Early Detroit, Potomac, Trucker's Favorite and Livingston's Beauty, of which Early Detroit is the earliest, and Beauty the latest. Trucker's Favorite is medium late, and has very large, smooth, handsome fruit. For canning, it is important to get a tomato that is not too acid when cooked. Stone is one of the best on this account. Success and Potomac are also excellent, being very sweet and of good color.

**Earliana.** This is the best **extra early** variety without any exception. It is not only the **first to ripen**, but it ripens the whole crop before some of the late kinds have started to ripen at all. But what is more remarkable, the tomatoes are **large, perfectly smooth and very solid**, and of good sweet flavor. Its productiveness is really remarkable. On good, rich land the ground is literally covered with fruit. The vines make but a moderate growth, and naturally overbear. By planting on rich land, or giving a liberal quantity of manure or fertilizer, a great increase in yield is produced. While with most varieties high manuring produces an excessive growth of vine, with the Earliana it makes more and larger fruit, the additional growth of vine being no more than is necessary to carry the immense crop produced.

Our Seed of this variety is of our own growing, and is the genuine Spark's strain. We take great care to keep it perfectly pure and true to type, and we are confident that it is as fine a strain as can be found, no matter what price is charged for the seed. **Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 95c; lb. \$3.60**, postpaid.

**Bonny Best.** A magnificent new early variety that should be largely planted for home use and market. See page 14. **Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.85.**

**Early Detroit.** The best early pink tomato we know of. See page 13. **Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 80c; lb. \$3.00**, postpaid.

**New Extra Early Earliana.** A new strain selected for extreme earliness. See page 14. **Pkt. 15c; oz. 60c;  $\frac{1}{4}$  lb. \$1.75.**

**June Pink.** Very similar to Earliana except in color, which is of a deep pink, like Livingston's Beauty. As pink tomatoes sell best in some markets this variety is preferred by some gardeners. We offer a very fine selected strain which will be found unequalled. **Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.75.**

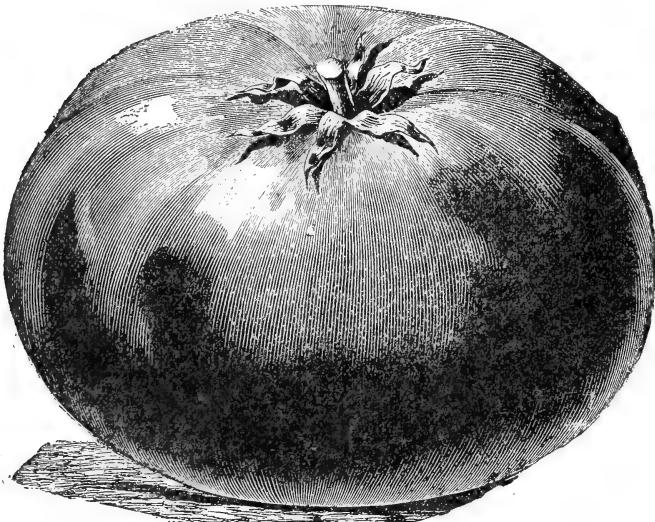
**Trucker's Favorite.** Very large, smooth and handsome, and one of the very best pink or purple fruited tomatoes. Not as late as Livingston's Beauty, but more solid and of finer quality. Vines vigorous, healthy and productive. **Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 70c; lb. \$2.50.**

**Chalk's Early Jewel.** This new tomato is not quite as early as Earliana, but is of better shape and color. The fruit is smooth and regular and of larger size, solid and of fine quality. The color is a deep red, with little or no green around the stem. The vines are very prolific, and the fruit ripens early, so that the whole crop matures before frost. One of the very best medium early kinds for home use or market. Seed of our own raising and of a special selected strain, far superior to the seed ordinarily raised. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 80c; lb. \$3.00.

**Potomac.** We introduced this tomato number of years ago, and it has given great satisfaction. The fruit is large, smooth and very solid, with but few seeds. The color is pink, like Beauty and Acme. Where a pink tomato is wanted the Potomac will be found a most profitable market variety. It is medium early and remarkably prolific, the vines being covered with fruit. It is also one of the very best for home use, as the quality is very superior. Pkt. 5c; oz. 30c;  $\frac{1}{4}$  lb. 80c; lb. \$3.00.

**Stone.** This is certainly one of the very best large late tomatoes for market, home use or canning. There is a good deal of inferior seed of this variety sold, but we have a strain of our own growing that produces magnificent large smooth tomatoes that are of deep scarlet color and very solid, and of fine quality, free from acidity. There is no finer tomato for canning. We have not found any similar tomato quite equal to our strain of Stone. Where earliness is not especially desired, this tomato will meet all the requirements of the most critical growers. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.75.

**New Dwarf Stone.** Plants grow dwarf and stocky, like those of Dwarf Champion, and can be set out close together. The fruit is like Stone, large, solid, and deep red, and of fine quality. The vines are remarkably prolific, the large, smooth fruit hanging in perfect masses on the plants. Ripens a little earlier than Stone. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.85.



Success Tomato.

## Success Tomato.

### The Best Main Crop, Deep Red Variety for Home Use or Market.

Those who want a deep red, smooth, handsome tomato of good size, either for market, table use or canning will find the "Success" all that can be desired.

It is medium early—not as late as Stone. The fruit is very solid, smooth and colored right up to the stem with no green tinge. Does not crack and is usually entirely free from black rot.

We have taken great pains with our strain of this tomato and think we have greatly improved it since it was first introduced. We can recommend it to all who want the finest, smoothest and best flavored tomatoes. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 80c; lb. \$3.00.

### TOMATOES—Packets of any of the following kinds, 5 cents:

	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>IMPERIAL.</b> Large, smooth, pink tomatoes of fine quality and ripen medium early.....	\$0 20	\$0 60	\$2 25
<b>MAULE'S ENORMOUS.</b> Bright red, smooth and handsome and very large. It is of rather coarse texture, but still of good quality, and it is so large and handsome that many people prefer it to smaller kinds.....	30	90	3 50
<b>MAGNIFICENT.</b> Large, smooth, deep red, fine quality, and one of the best.....	30	85	3 00
<b>MONTEREY.</b> Immense tomatoes, fairly smooth and very solid, color pink. A good variety for private gardens.....	30	90	3 50
<b>NEW GLOBE.</b> One of Livingston's new tomatoes. The fruit is as round as an apple and is firm and of fine quality; color deep pink.....	25	75	2 65
<b>DWARF CHAMPION.</b> The vines are stocky and do not spread like other kinds, so they can be set close together and very large yields are obtained. Fruit is of medium size, very smooth and of an attractive pink color. Ripens medium early.....	20	65	2 25
<b>Livingston's Beauty.</b> Very fine, large, perfectly smooth and very handsome tomatoes of a deep pink color. One of the best market varieties, but ripens rather late.....	18	60	2 25
<b>IGNOTUM.</b> Large, solid and smooth, deep red and of fine quality.....	18	65	2 25
<b>Livingston's Favorite.</b> Deep red, large and smooth.....	18	60	2 20
<b>Paragon.</b> Deep red, large and solid. Fine for canning and market.....	18	60	2 20
<b>New Peach.</b> Fruit is small reddish yellow, diffused with bright red and much resembles a peach. It is of very sweet, pleasant flavor.....	30	85	.....
<b>Red Cherry.</b> Very small round red tomatoes that are used to serve whole in salads.....	30	85	.....

### YELLOW VARIETIES.

<b>Golden Queen.</b> The best yellow tomato. Large, smooth and of fine quality.....	20	70	.....
<b>Yellow Plum.</b> Small, plum-shaped, bright yellow fruit, fine for preserves.....	30	85	.....
<b>Ground Cherry, or Husk Tomato.</b> (Also called Strawberry, or Winter Cherry.) Small yellow fruit, inclosed in a husk. It is of peculiar flavor and is used for preserves.....	25	75	.....

# Turnips

One ounce of seed will sow 200 feet of row. It requires from 2 to 3 lbs. of seed per acre in drills, or 1 to 1 1/2 lbs. broadcast.

**PURPLE-TOP STRAP-LEAF.** The favorite variety for summer and autumn use. Turnips flat, clear white, with purple top. Grows very rapidly and is of good quality. Seed sown in July and August produces fine large turnips in the fall. We have a fine strain. **Pkt. 5c; oz. 7c; 1/4 lb. 15c; lb. 40c.** By express, **30c per lb.; 5 lbs or more, at 28c per lb.**

**RED OR PURPLE TOP WHITE GLOBE.** Large, pure white, globe shaped, with purplish red top. Very handsome, heavy yielder and early. A profitable turnip for market and excellent for table use. This turnip is the same as the Purple-Top Strap-Leaf, except that it is globe-shaped instead of flat and requires a little more time to grow. **Pkt. 5c; oz. 8c; 1/4 lb. 15c; lb. 45c.** By express, **35c per lb.; 5 lbs. at 30c per lb.**

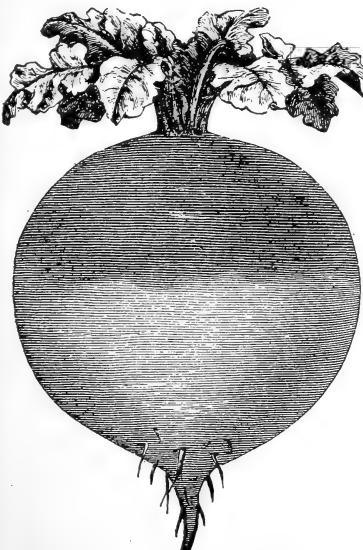
**EARLY PURPLE-TOP MILAN.** This is the earliest variety in cultivation. The bulbs are clear white, smooth and handsome with purple top, and much resemble the Purple-Top Strap-Leaf, but grows even faster than that variety, and are ready two weeks earlier. **Pkt. 5c; oz. 8c; 1/4 lb. 18c; lb. 65c.** By express, **55c. per lb.**

**White Flat Dutch.** Very early, pure white, and of good quality. **Pkt. 5c; oz. 7c; 1/4 lb. 15c; lb. 45c.** By express, **35c. per lb.**

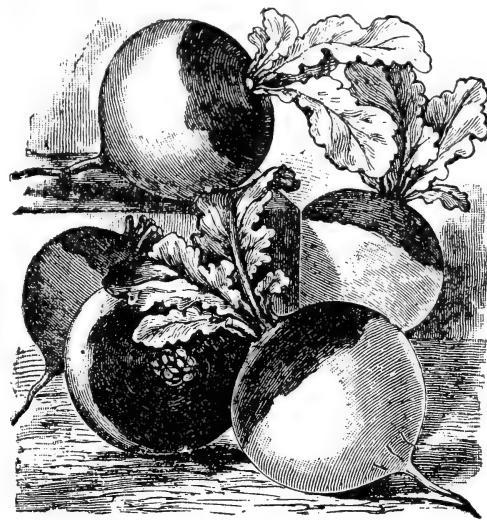
**White Egg.** An oval or globe-shaped white turnip, with pure white skin and fine table qualities. It is popular in market and fine for home use. **Pkt. 5c; oz. 7c; 1/4 lb. 15c; lb. 50c.** By express, **40c. per lb.**

**GOLDEN BALL.** A handsome, early, yellow turnip, as round as a ball, with smooth, golden yellow skin, and fine-grained yellow flesh. The best early yellow turnip for table use. **Pkt. 5c; oz. 7c; 1/4 lb. 15c; lb. 45c.** By express, **35c. per lb.**

**Cow Horn.** A long white turnip, largely used for stock feeding, as it yields very large crops. It is also of first-class quality for table use. It is a rapid grower, and can be sown late. Often sown in corn fields after last cultivating. The turnips grow more than half above ground and are easily pulled. **Pkt. 5c; oz. 8c; 1/4 lb. 18c; lb. 55c.** By express, **45c. per lb; 5 lbs. or more, 40c. per lb.**



Perfection Selected Swede Turnip.



Red or Purple Top White Globe Turnip.

**Yellow Stone.** A round or globe-shaped yellow turnip of good quality, fine grained, smooth and handsome. Grows to a good size and keeps well. **Pkt. 5c; oz. 8c; 1/4 lb. 18c; lb. 55c.** By express, **45c. per lb.**

**Yellow Aberdeen.** A large, globe-shaped yellow turnip with purple top. Fine for use in the fall or early winter, or for stock feeding. A heavy cropper. The seed should be sown the last of June for fall use. **Pkt. 5c; oz. 7c; 1/4 lb. 15c; lb. 40c.** By express, **30c. per lb.**

## Ruta Bagas or Swede Turnips

**WHITE SHORT TOP.** This is a very handsome white Ruta Bagas, with remarkably short tops and no "neck." Turnips are light green on top and pure white on the bottom, and grow to a good size, and are of fine quality. This is the best White Swede Turnip we know of. **Pkt. 5c; oz. 10c; 1/4 lb. 18c; lb. 60c.** By express, **50c. per lb.**

**IMPERIAL PURPLE-TOP, Long Island Improved.** This is a fine strain of yellow purple-top Ruta Bagas, having smooth, handsome bulbs of good quality. The turnips are almost perfectly round, smooth, and bright yellow, with purple top. **Pkt. 5c; oz. 7c; 1/4 lb. 15c; lb. 45c.** By express, **35c. per lb; 5 lbs. at 30c. per lb.**

**BREADSTONE.** When well grown this is a fine table turnip. When cooked it is almost as dry and sweet as a good squash. It belongs to the Ruta Bagas or Swede Turnip class, but is smaller and earlier than the ordinary Ruta Bagas. The seed should be sown the first part of July. If sown early the turnips get hard and coarse, and are not good for table use. It is in good edible condition in November, and will keep perfectly fresh and good all winter. **Pkt. 5c; oz. 7c; 1/4 lb. 15c; lb. 50c.** By express, **40c. per lb.**

**WHITE SWEET or French.** A globe-shaped white Ruta Bagas with green top, and of excellent quality. **Pkt. 5c; oz. 7c; 1/4 lb. 15c; lb. 45c.** By express, **35c. per lb.**

**Perfection Selected Swede.** This is a large purple-top yellow Ruta Bagas, that is especially recommended for stock feeding. The roots grow very large, perfectly round, have very small side roots, and practically no neck. The tops are small compared with the size of the roots, which grow well out of the ground and are easily harvested.

Those who want to raise large, smooth, handsome Swede Turnips either for stock feeding or market, should try this selected strain. **Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 60c.** postpaid. By express, **50c. per lb.**

**Hall's Westbury (selected).** This is a very finely bred Swede Turnip, intended for table use, market and shipping. It grows to a nice size for this purpose, and is very smooth and handsome and of excellent quality. The turnips have purple tops and yellow flesh. This strain is of perfect shape, with no neck and very small roots. For those who want a handsome medium sized turnip for table use or market, this variety is unsurpassed. **Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 60c.** postpaid. By express, **50c. per lb.**

## TOBACCO

**Connecticut Seed Leaf.** The most popular variety for the Northern states. Very hardy. **Pkt. 5c; oz. 20c; 1/4 lb. 60c.**

**Sterling.** Early and valuable for the North. Color bright yellow, and of the finest quality. **Pkt. 5c; oz. 25c.**

**Havana.** The finest Cuban tobacco, so famous for cigars. Leaf thin, and used principally for cigar wrappers. **Pkt. 5c; oz. 30c.**

## AROMATIC AND SWEET HERBS

**BASIL.** Used for flavoring soups and sauces. **Pkt. 5c; oz. 15c.**

**BORAGE.** Sow seed in the spring in the open ground. **Pkt. 5c; oz. 15c.**

**CARAWAY.** Sow in spring or fall. Very easily grown. **Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c.**

**CORIANDER.** The young green leaves are used for flavoring soups, salads, etc. Sow in the spring in the open ground **Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c.**

**DILL.** Used for flavoring cucumber pickles, etc. **Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c.**

**ROSEMARY.** A perennial that will last for years when once started. Sow in the spring in the open ground where the plants are to remain. **Pkt. 5c; oz. 25c.**

**LAVENDER.** Used for its perfume. It is a hardy plant, and will last for years. The seed is slow to germinate and people often fail to get it to start. It should be covered very little if at all. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c.**

**SWEET MARJORAM.** Very valuable for seasoning dressing for poultry, imparting a very agreeable and pleasant flavor. Easily grown from seed sown in the open ground in the spring. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c.**

**FENNEL.** The leaves are used for flavoring. Easily raised **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c.**

**SUMMER SAVORY.** Easily grown by sowing seed in the open ground in the spring. **Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c.**

**SAGE, Broad-Leaved.** When once started will last for years. Should be in every garden. Sow in the open ground and thin the plants to four or five inches apart. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.20.**

**THYME.** Start the seed in a box in the house or hotbed, and set out the plants when the ground is warm. **Pkt. 5c; oz. 25c.**

**WORMWOOD.** A medical herb used largely for planting in poultry yards for chickens to feed on. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c.**

**Holt's Mammoth Sage.** This variety of Sage does not seed, so we can offer only the plants. The leaves grow much larger than the common Sage, and are of superior quality. The plants are perfectly hardy and will stand the winter without protection. They make a very large growth, a single plant spreading out two or three feet across. By far the best Sage for all purposes. **Plants sent by mail postpaid, 3 plants 45c; 10 plants \$1.25. By express, 12c each; \$1.20 per dozen.**

## Seed Potatoes



Keller's Selected Green Mountain—(250 bushels per acre)

**What Potatoes to Plant.** There is altogether too little attention given to the question of the proper seed potatoes to use. The practice of using the small and inferior potatoes for seed if continued for more than one or two years has a marked effect on the yield. We could hardly expect anything else. A poor weak hill of potatoes always has a lot of small potatoes in it and all these go into the "seed" and propagate their own kind.

It is of the greatest importance, therefore, to get seed from healthy, vigorous stock, that has been raised for a number of years from large potatoes free from disease.

It is perhaps safe to use the smaller potatoes of such stock for seed once in a while but the practice should not be continued or the variety will "run out."

**Moreton Farm Seed Potatoes** are raised from the most carefully selected tubers, all small and inferior ones being rejected. In this way the stock is improved from year to year instead of deteriorating as results from planting the poorest potatoes and selling the best.

We raised 30 acres of potatoes the past season on our own farm, all from selected seed, most of the late varieties yielded 225 to 250 bushels per acre, under ordinary field culture, in spite of the extremely hot dry weather of the past summer. This is not a large yield of course but it is good for a season like the past one when potatoes generally turned out a light crop.

**Early Varieties.** Early potatoes that mature in the summer are not good for seed. To get the best seed of early kinds it is necessary to plant late so that the crop will not mature before the cool fall weather. We plant early kinds after the middle of June and to keep seed in good condition until that date we have to put the potatoes in cold storage in March and hold them there until we are ready to plant. Potatoes raised in this way make the best possible seed.

**Prices Likely to Advance.** Seed potatoes of many of the most popular varieties are so scarce this season that the demand is likely to far exceed the supply.

We reserve the right to refuse orders for potatoes at the prices quoted in this catalogue late in the season and to charge higher prices should our stock become too much reduced.

**The Prices here given** are for the potatoes carefully put up for shipment and delivered to freight house or express office without extra charge, but the *purchaser is to pay the freight or express charges.*

**Potatoes Shipped in Sacks or Barrels.** We can ship potatoes either in barrels or in sacks. Sacks hold the same quantity as barrels (165 lbs.) Sacks cost 10c. and barrels 35c. so it makes a difference of 25c. in the price of the two packages. *In ordering please state which you want.*

**Shipping Season.** It is usually safe to ship potatoes from here about March 10. We can ship earlier in paper-lined barrels, if our customers wish us to do so, with little risk, but we will not hold ourselves responsible for loss by freezing if the potatoes are ordered sent earlier than in our judgment it is safe to ship them.

**Low Freight Rates.** We can ship by Pennsylvania, Erie, Lehigh Valley, and B. R. & P. Railroads from Rochester,

which give lowest freight rates and quick delivery to all points. Shipments on the New York Central lines are made from Coldwater.

**Half Bushels** and half pecks will be sent at half the bushel and peck price. We will send two or three different varieties in a barrel without extra charge, but cannot send more than one variety in a sack.

**Potatoes Sent by Mail.** We will send any varieties named in this catalogue, by mail or express, prepaid, at **25c. per lb. or 3 lbs. for 65c.**

**Order Early.** We always run out of some varieties of early potatoes before planting time, so to be sure to get what you want *order early.* When orders are sent late in the season please mention whether we may substitute some other kind if sold out of the variety wanted. We will book orders at any time and ship the potatoes when safe to do so.

**"Second Size" Seed.** We offer a few second size seed potatoes of most varieties. These potatoes are from the size of a hen's egg to a little smaller, and make nice seed to plant whole or cut once in two. They are nice smooth potatoes. We do not sell this grade in smaller quantities than a barrel or sack. **See prices under varieties.**

### EARLY VARIETIES.

**Early May.** One of the very best extra early varieties. The potatoes are light red, oval to long, and have shallow eyes and are of the best quality. The Early May is the largest yielding extra early kind we know of. Some other kinds yield as much or more, but they are not as early. The potatoes are about the color and shape of Early Rose but mature two weeks earlier. **Pk. 65c; bu. \$2.00; bbl. \$5.25; sack \$5.00; 2d size \$4.75 per bbl. or \$4.50 per sack.**

**Irish Cobbler.** The most popular and largely planted early potato. Round, pure white, extra early, and of the best quality. Grows uniformly large, there being fewer small potatoes than in any other early kind. **The seed we offer is exceptionally fine.** The potatoes are clean, free from scab and rot, and are strictly pure genuine Irish Cobbler. Some people say they can't raise such crops of Irish Cobbler as they did a few years ago. The trouble is they use inferior seed affected with disease and lacking in vigor. We raise just as large crops of this variety as we ever did. Get good healthy seed of the genuine Irish Cobbler and you can raise just as large crops as were ever produced.

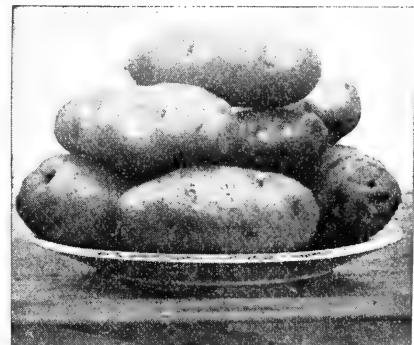
There are a great many potatoes being sold for Irish Cobbler that are not that variety at all, or are so badly mixed with late kinds that they are worse than useless to plant for an early crop.

The seed we offer is of our own raising on new soil and it is strictly pure. **Pk. 65c; bu. \$1.85; bbl. \$5.25; sack \$5.00; 2d size \$4.75 per bbl. or \$4.50 per sack.**

**Early Ohio.** The standard Early potato; medium long with square ends; color light red, deeper around the eyes. Vines small and die down very early. Yields well under high culture. **Peck 65c; bu. \$1.85; barrel \$5.00; sack \$4.75; 2d size \$4.50 per barrel or \$4.25 per sack.**

**White Ohio.** Some years ago a gardener near here found a hill of potatoes among his Early Ohios that were practically white with only a slight tinge of pink around the eyes. He saved and planted these and it soon became a popular variety. The seed we offer was grown from the original stock and is true to name, which cannot be said of much of the seed that is sold for white Ohios. In habit of growth and other respects, except color, it resembles closely the Early Ohio. **Pk. 65c; bu. \$2.00; bbl. \$5.25; sack \$5.00; 2d size \$4.75 per bbl. or \$4.50 per sack.**

**Early Six-Weeks.** This variety resembles the Early Ohio so closely that it is hard to tell them apart. We think however that the Six-Weeks is a better yielder than the Ohio and fully as early. Some growers think it is earlier. It sets more potatoes in a hill than the Ohio and yields better. The vines are small and ripen down early so the crop can be dug and removed from the land in time to plant some other crop. The potatoes are in shape and color like the Ohio, round with blunt ends and with light pink skin. **Peck 65c; bu. \$2.00; barrel \$5.50; sack \$5.25; 2d size \$4.85 per barrel or \$4.60 per sack.**



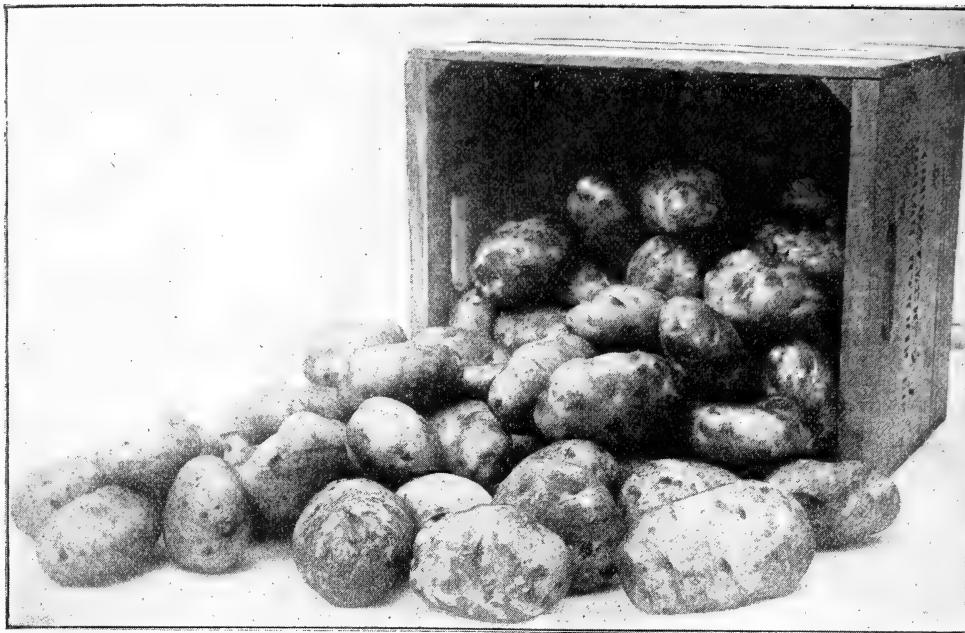
Early May Potatoes

**Early Market.** This variety proved to be the earliest kind in our trial grounds a year ago. It is of the Early Ohio class resembling that variety and the Early Six-Weeks very closely, but is of a deeper pink than the Six-Weeks. We recommend this variety to gardeners who want an extra early kind of good quality. **Pk. 65c; bu. \$2.00; bbl. \$5.25; sack \$5.00; 2d size \$4.75 per bbl. or \$4.50 per sack.**

**Manistee.** One of the best potatoes to resist blight we have ever grown. Vines remain healthy and green until the crop is matured. The potatoes are round to oval, somewhat flattened, eyes fairly shallow, color light red, quality first class. This potato is of the Rose class and yields like the Early Rose in its best days. Where a red potato sells well this will certainly be found one of the most profitable varieties. It matures about the same time as Early Rose and yields as much as most late kinds. **Pk. 60c; bu. \$1.85; bbl. \$5.00; sack \$4.75.**

**Bovee.** This is one of the largest yielding early kinds. The potatoes are oblong, white shaded with light pink in spots, and resemble the Beauty of Hebron, but yield better than that good old variety. The vines make a low spreading growth, and produce good many potatoes in a hill, which, if the land is good, mature nearly all of the same size, and give an immense yield. We have raised very large crops of this variety. On good rich land probably no early variety will yield as much as Bovee. **Pk. 65c; bu. \$2.00; bbl. \$5.25; sack \$5.00; 2d size \$4.75 per bbl. and \$4.50 per sack.**

**Early Rose.** We have a fine stock of this grand old variety. There are few early kinds that yield as well. **Pk. 60c; bu. \$1.85; barrel \$5.00; sack \$4.75; 2d size \$4.50 per bbl. or \$4.25 per sack.**



Todd's Wonder Potato. (Photograph.)

#### LATE OR MAIN CROP VARIETIES.

### Todd's "Wonder" (Improved World's Wonder)

This potato shows the effect of "breeding" more than any kind we ever raised. It produces the evenest and most uniform potatoes, both as to growth and yield of tubers we have ever had the pleasure of seeing. One hill is just like another—*all good*.

Think what your own crop of potatoes would have yielded if all the hills were as good as the best ones!

The way this is brought about is by *seed selection*.

Mr. Chas. L. Todd of Otsego Co. N. Y., has a method of selecting seed potatoes that succeeds better than any way we have learned of before. He describes it as follows:

"The way I grow seed stock is to cut and drop a tuber at the same time, making a tuber go for from 5 to 8 hills, making each tuber a unit or getting the individuality of each tuber, as I find the variation, good or poor, is in the whole tuber and not in single eyes. Then I carefully go over the piece late in the growing season and dig out all of the apparently poor ones, those that blight early, etc., taking out all the hills from each potato planted that does not turn out well."

"Now the result of my growing stock in this way is that when I begin to grow a new variety I will usually find the first year many variations, especially those that blight early. After about three years of sorting I can get a nice uniform growth with few degenerates. This, you see, keeps a variety pure and keeps the original vitality of the variety."

We got Mr. Todd to raise 50 bu. of seed potatoes of the "World's Wonder" variety for us by this method and have raised as fine a lot of potatoes from the seed as we ever saw.

We are enthusiastic about this method of "breeding" seed potatoes and have had Mr. Todd raise seed stock of other varieties for us in the same way.

The "Todd's Wonder" as we call this new selected strain, is of the Rural or Carman class, has very vigorous, healthy vines that usually stay green until killed by frost. The potatoes are round, smooth and handsome and of good quality.

*They yield nearly twice as much as ordinary Rurals and Carmans in the same field.*

Plant these potatoes reasonably early and on good soil and if you don't have the finest looking field of potatoes in the neighborhood it will be your own fault.

We offer seed grown directly from Mr. Todd's own selected stock. **Pk. 65c; bu. \$2.00; bbl. \$5.25; sack \$5.00.**

(No seconds—practically none in the crop.)

**Sir Walter Raleigh.** This is undoubtedly the best of the Carman or Rural seedlings. It is a seedling of the Rural New Yorker, and has the vigor of that variety before it degenerated as it undoubtedly has. It is an improved Rural with new blood and renewed vigor. [The potatoes resemble the Rural in shape, but are smoother with shallower eyes, slightly netted skin and **much better quality**. This variety sets more potatoes in a hill than the Rural and yields immense crops on any good soil. Succeeds everywhere and is the style of potato most in demand in the markets just now. We have some extra fine, pure stock, free from scab, rot or disease of any kind. **Pk. 60c; bu. \$1.75; bbl. \$4.60; sack \$4.35.**

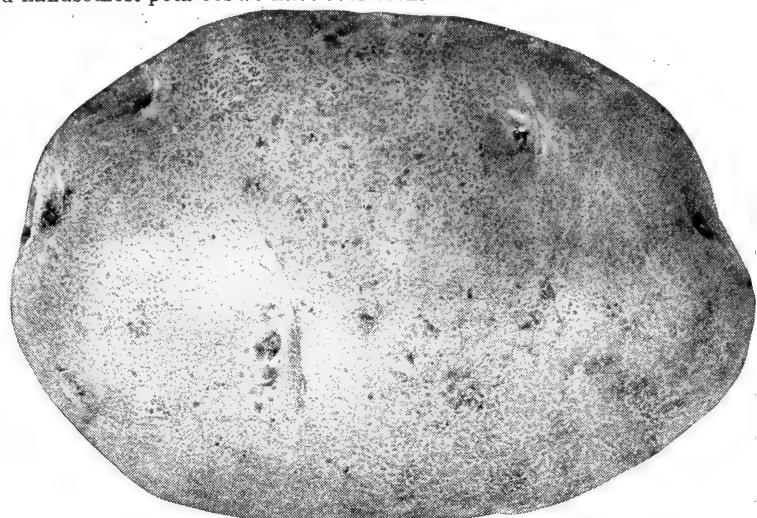
## New Main Crop Potato, "The Moreton."

The **Moreton** is a handsome, smooth, round, white potato, with eyes so shallow that they can hardly be distinguished. It is one of the smoothest and handsomest potatoes we have ever seen.

What makes this variety superior to others, however, is its wonderful **vigor of growth and freedom from blight** or disease. A few rows of the Moreton running through a field of any other kind can be clearly distinguished by the much greater vigor of growth and deep green color of the vines. We have never seen any blight on the vines and the bugs seem to leave them alone when they can get at any other kind.

Plant some side by side with any of the standard kinds and you will see the difference. The Moreton will make a much heavier growth of vine and stay healthy and green while other kinds are cut off by blight. This has been our experience the last three seasons, and we are sure this potato will "make good" when grown by our customers. They should not be planted too late as they require a little longer to mature than some others.

There is no smoother and handsomer potato than this. They set a good number in a hill, so do not, as a rule, grow too large. Potato growers who want to make a record yield of the very handsomest potatoes of fine quality, should try the **Moreton**. Pk. **65c**; bu. **\$1.75**; bbl. **\$4.75**; sack, **\$4.50**. Second size, **\$3.50 per sack**.



"The Moreton," (From a Photograph.)

**Silver King.** This new seedling potato which we introduced three or four years ago has produced some great crops and has proved to be a valuable variety. It is not only a heavy yielder but it is also of **high quality**, being dry, white and mealy when cooked.

We have had many reports of big yields from this variety, of which the following are examples:

Mr. H. S. Webber, Waldo Co., Me., 400 bu. per acre.  
Mr. H. E. Briggs, Delaware Co., N. Y., 524 bu. per acre.  
Mr. C. P. Kent, Bennington Co., Vt., 455 bu. per acre.

**Yields twice as much as Rurals.** Mr. T. Fouch of Michigan, writes, Feb. 9, 1911:

"I planted two acres of Silver King potatoes last year and got 600 bu. Rurals in the same field went 150 bu. per acre."

The potatoes are oval in shape, pure white, with netted skin that always goes with good quality, shallow eyes and average large in size. Vines very vigorous with green stems and white flowers and resist blight, rarely, if ever, being affected with this disease. There are usually 8 or 12 good large potatoes in a hill.

We highly recommend this variety to those who want a potato of high quality and at the same time a heavy yielder. On good soil crops of 300 bushels per acre may be reasonably expected in a favorable season. Pk. **60c**; bu. **\$1.75**; bbl. **\$4.75**; sack, **\$4.50**. 2d size, **\$4.00 per sack**.

## Keller's Selected Green Mountain.

Of late years much of the stock of Green Mountain potatoes has deteriorated or "run out," so that there are too many small and inferior potatoes in the crop. To overcome this, Mr. J. B. Keller has been for a number of years selecting out the best hills in his crop and saved these for seed, with the result that he has produced a strain of Green Mountains fully equal or even superior to what this variety was in its best days. It produces potatoes of more uniform size, there being very few small ones, and the vines are vigorous and healthy. There is no finer potato than a first-class Green Mountain. It has the shape, size and quality most desired and when the best seed is used, there are few potatoes that surpass it in yield Pk. **60c**; bu. **\$1.75**; bbl. **\$4.85**; sack, **\$4.60**. 2d size **\$3.75 per sack**.

**American Giant.** This potato is largely used for main crop in New Jersey and Maryland.

It grows fast and produces big yields. The potatoes are long, white, with numerous eyes and are of only fair quality. It has however proved to be the most profitable potato for some localities. We have some excellent pure seed. Pk. **65c**; bu. **\$2.00**; bbl. **\$4.75**; sack, **\$4.50**. 2d size, **\$4.00 per sack**.

**Pan American.** Everyone who has raised the Pan-American speaks well of it. It does well everywhere and under conditions of soil and moisture that would result in a total failure with many other kinds. Many varieties that give good results one year will fail the next, but the Pan-American gives good yields every time; better some years than others of course, but always good for the season and soil. The potatoes are nearly round, smooth, eyes shallow and not numerous, pure white skin somewhat netted, and the **quality is fine**. The vines make a short upright growth and have purple stems and flowers. The potatoes run **uniformly large**, there being very few small ones. We highly recommend this variety, and advise our customers who want a late or main crop potato of fine quality and handsome appearance and a big yielder to plant the Pan-American. Pk. **60c**; bu. **\$1.75**; bbl. **\$4.60**; sack **\$4.35**.

**Harris' Snowball.** This potato is of remarkable vigor, the vines grow with great rapidity from the start and soon cover the ground. There are usually 10 to 15 potatoes in a hill, practically all large, not coarse and overgrown, but of nice medium size, and very few small ones. The potatoes are round, smooth and **snow white**, with shallow eyes and a slight netting on the skin. They cook white, dry and mealy. The vines are of bushy growth, green stems and are very healthy and vigorous, and **resist blight** much better than other kinds. We have never known these potatoes to rot. This variety is of such great vigor that under favorable circumstances it produces **immense yields**. Some of our customers report yields as high as 380 bushels per acre, and we have had yields as high as 300 bushels per acre on our own farm. Price—pk. **60c**; bu. **\$1.75**; bbl. **\$4.50**; sack, **\$4.25**. 2d size, **\$3.50 per sack**.

# FARM AND FIELD SEEDS

The production of **high class** seed of the best varieties of Oats, Corn, Wheat and other grains, as well as Potatoes, has for many years been one of the principal branches of our business, and no part receives greater attention.



Long's White Tartar Oats. (Photograph.)

**The Importance of Good Seeds** is becoming more generally understood and progressive farmers no longer think of using the seed of the old "run out" varieties that they were sowing years ago.

Take corn for instance. It has been plainly shown by recent experiments that the yield per acre can be nearly doubled by using seed that has been selected with intelligence and properly cured. The same is true of other grain crops. The best results can only be obtained by the use of the very best seed that can be grown. It does not pay to use anything else.

**Our Seeds are Better** than common seeds. With the latest improved power machines for cleaning and grading seed grain and by the scientific treatment of our seed to prevent smut and other diseases, we are able to furnish much better seed than it is possible for most farmers to produce. It costs a little more of course, but the extra cost is nothing compared with the increased yield and quality of the crops.

**At the Prices** quoted in this catalogue we deliver the seeds at any freight house or express office here, or in Rochester, and make no charge for bags unless otherwise stated. The purchaser is to pay freight or express charges. See freight and express rates see inside front cover page.

## LONG'S WHITE TARTAR OATS.

We have sold this variety of oats for a number of years and it has given universal satisfaction everywhere. We have had yields of 106 bu. per acre on large fields on our own farm, and many of our customers report fully as large yields.

These oats have **immense heads** of grain, often measuring nearly a foot long, and containing by actual count over 150 kernels. It is a side oat.

The straw is **very large, strong and stiff**. It stands up to a man's chin, and is as large as a lead pencil. In one of our fields these oat stood a foot higher than wheat growing beside it.

The kernel is **large, plump and heavy**, pure white, and with **thin hulls**. There are no better oats for feeding than these.

**No Smut.** Smut greatly reduces the yield of oats, and has been especially troublesome the past few years. We treat the seed oats we sow, and those we have sown for us, with formalin to kill the smut germs, and in this way keep our crops free from this disease. Crops raised from this seed will be practically free from smut. This alone makes our seed oats worth the extra cost.

**No Weed Seeds.** We thoroughly clean our seed oats so that they do not contain any foul weed seeds.

**100 bushels per acre.** Mr. Earl Jacobs of West Virginia, writes: "The Long White Tartar Oats I received of you in 1909 are the finest oats I ever saw in this county, and the farmers say that they are the finest they have ever seen. I will sow 50 or more bushels this year. They averaged 100 bushels per acre last year."

**GOOD IN VIRGINIA.** Capt. J. Brad. Beverley of Virginia, writes, August 17, 1910: "The seed oats I bought of you made the best yield I have heard of in this county, 1,504 bu. from 25 acres. Two acres harvested separate—same treatment as rest but better land—made 141 bu."

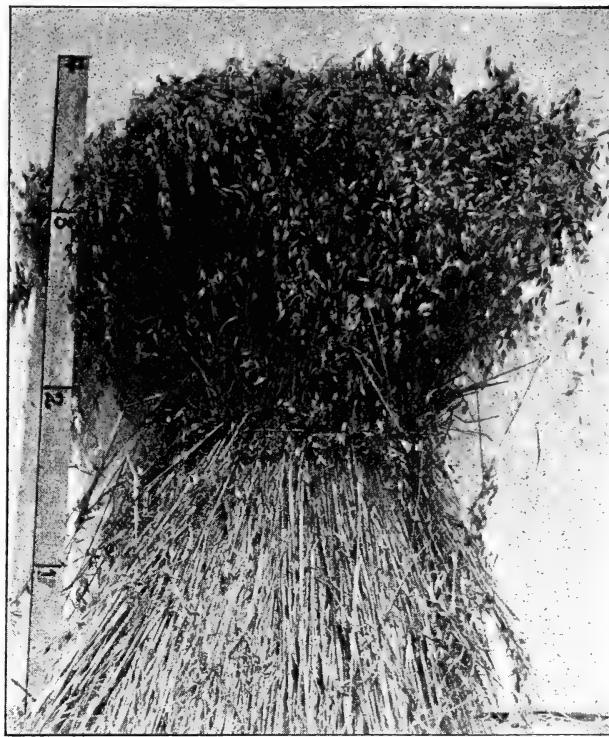
**IN PENNSYLVANIA.** Mr. Geo. Kennery of Pennsylvania, writes: "All the seeds that I have bought of you have proved their value. In 1907 I purchased of you a bag of Long's White Tartar Oats and this year oats in this section are almost nothing while the Tartars stood 2 1-2 to 5 feet tall and just loaded. It is a wonder they did not break down from the weight of grain. I counted the number of pods to a head on some heads and none had less than 100 with two grains to a pod. They weighed 40 lbs. to the bu. when threshed out."

**Price of Seed.** We offer Long's White Tartar Oats **thoroughly cleaned and free from weed seed**, at the following prices: **Peck 40c; bushel \$1.25; bag of 2½ bushel (80 lbs.) \$3.00; 4 bags (10 bushel) or more at \$2.90 per bag.** No charges for bags. Special prices will be quoted on lots of 25 bushels or more. Sample will be sent if requested.

**Golden Fleece Oats.** Many people prefer oats with branching heads rather than a side or "mane" variety. The branching heads are less liable to be broken down by wind and rain.

The Golden Fleece has proved to be one of the very best varieties of the branching class. The grain is white, large, plump and heavy, with thin hulls. The straw is stiff and carries very large branching heads. These oats have a record yield of 108 bushels per acre, while yields of 75 to 80 bushels per acre are very common, and can easily be obtained with this variety under ordinary conditions. The straw is medium tall, stiff and does not often lodge.

The Golden Fleece Oats are entirely free from smut and thoroughly cleaned. We guarantee them free from mustard and other foul weed seeds. A great deal of loss is sustained every year by those who sow oats affected with smut. The smut germs are sown with the seed and grow up with it so that the plant is at length killed by the smut growth. This often reduces the yield 20 bushels or more to the acre. Pk. 45c; bu. (32 lbs.) \$1.25; bag of 2½ bu. (80 lbs.) \$3.25; 4 bags (10 bu.) or more at \$3.00 per bag or \$1.20 per bu. No charge for bags. Samples will be mailed on request. A bag is the right quantity to sow per acre.



Golden Fleece Oats.

## BARLEY

**Six Rowed (Bearded).** We have a fine pure strain of six-rowed "State" Barley which is the best bearded barley to raise for either feeding or market. It yields 40 to 50 bushels per acre under ordinary culture and conditions and is very valuable for feeding horses, hogs, or other stock, as well as for brewery. It is a profitable crop. It must be sown early to get the best results. Pk. 60c; bu. (48 lbs.) \$1.75; 2 bu. or more \$1.65 per bu.

**Champion Beardless.** For feeding stock bearded barley is superior to bearded on account of the annoyance caused by the "beards" when feeding or using the straw. The straw of Beardless barley is just as valuable as oat straw for feeding, or the grain can be profitably fed in the straw without threshing.

The common practice here is to mix the seed of beardless Barley and Oats together, sowing about half of each. This gives large crops of heavy grain, which is better than straight oats for horses or other stock.

**Champion Beardless** is the best variety, having long heads, 6 rowed, and good plump white grain. Pk. 50c; bu. (45 lbs.) \$1.60; 2 bu. or more \$1.50 per bu.

## BUCKWHEAT.

**JAPANESE.** The largest and most productive variety. The grain is large and dark brown or black; ripens early and is very prolific, often producing 60 bu. per acre, Pk. 50c; bu. \$1.35; bags of 2 bu. \$2.50 per bag.

## WINTER WHEAT, RYE, ETC., FOR FALL SOWING

The seeds offered below are of this year's crop now growing and will not be ready for delivery before August. We will issue a price list of seeds for fall sowing the first of August. If you wish a copy please ask for it and it will be mailed when issued.

**Winter Wheat, St. Louis Prize.** A bald or smooth chaff red wheat that has proved a superior variety both as to yield and quality. The berry is medium short, plump and heavy. The straw is strong and stiff; heads of good length compact and well filled. A strong grower and resists the fly better than other kinds. Price on application.

**Winter Wheat, Leipzig Prolific.** A remarkably vigorous grower, stooling out like rye. Heads long and well filled. Berry long, red and very hard. A fine variety, the best long-berry red, we know of. Price on application.

**Winter Rye, New Pitkus.** This new Russian Rye is much superior to common rye, the berry being larger and of lighter color and the heads longer and the yield larger. We shall have a good lot of this new rye to offer in August.

*Write us for description and price.*

**Hairy or Sand Vetch.** This valuable plant is now extensively used as a cover crop. The seed should be sown in August or September. We are trying the experiment of raising the seed in this country and hope to have a good lot of American grown seed to offer next fall. *Write us for prices before you buy.*

**SILVER HULL BUCKWHEAT.** Small gray kernels that makes the finest quality of buckwheat flour. Pk. 50c; bu. \$1.45; bag (2 bu.) \$2.60.

## SPRING RYE.

This Rye can be sown in the spring and will produce a great crop of straw and fair yield of grain if sown early. Like spring wheat this rye does not yield quite as much as the winter varieties. We offer some seed that was grown for us on a neighboring farm and we know it to be the genuine spring variety raised from spring sown seed. Pk. 60c; bu. \$1.70; 2 bu. or more at \$1.60 per bu.

## SPELTZ or EMMER.

A Russian grain that has become quite popular in the west for feeding purposes. It resembles barley somewhat and is grown in the same way. Its principal value is for poor, dry land where oats or wheat would not give a profitable crop. It is often mixed with oats and helps to make a larger yield. Sow 2½ bu. per acre the same as you would oats or barley. Pk. 50c; bu. (40 lbs.) \$1.30; 2 bu. or more \$1.25 per bu.



The above is a photograph of corn as it comes out of our seed tester.

The importance of good seed corn has been so thoroughly impressed on the minds of all intelligent growers that nothing more need be said on this point. The question is, is the seed you have good enough? If not, we should be glad to supply you with first class seed that has been carefully grown and properly cured.

Unless corn is thoroughly dried out soon after it is harvested it loses strength and vitality rapidly and before spring it often fails to germinate at all. Corn that has not had proper care will often grow, but it is usually of weak vitality and never produces full crops.

**Well Cured Seed.** We take the greatest care of our seed corn from the time it is harvested until it is shipped to our customers. If the corn when husked is not perfectly dry (which is not often the case) it is placed in a drying house where it is thoroughly cured in warm, dry air, so that it comes out in the best possible condition—full of life and vigor. It will come up promptly and grow quickly, which is of the greatest importance, especially in the Northern States.

### NORTHERN GROWN SEED CORN.

*The corn we offer for seed (except a few late varieties of Dent corn) is all grown right here in Western New York, near Lake Ontario, where the summers are short and cool and consequently all the varieties must be early and will mature anywhere in the country where corn can be raised at all.*

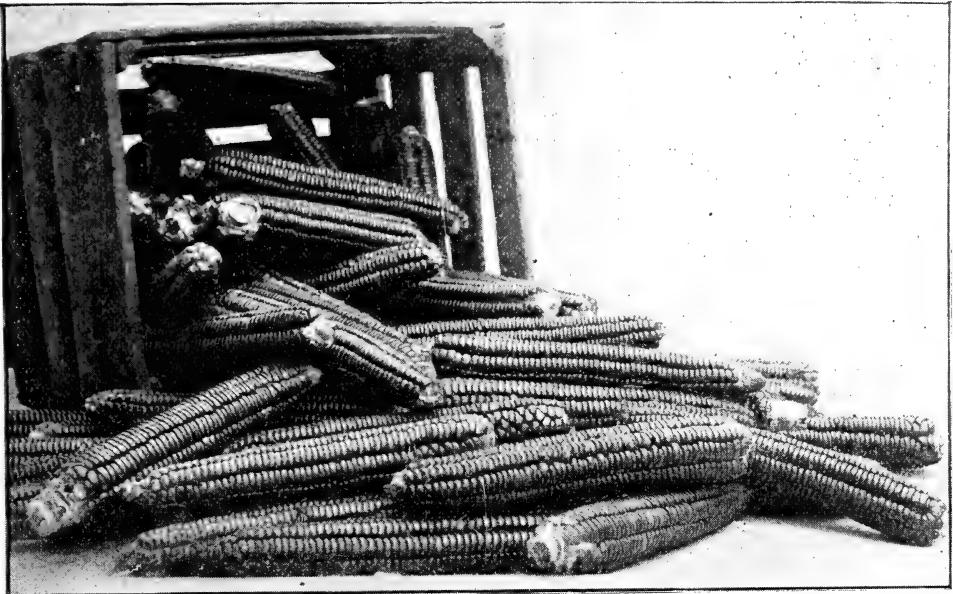
**Tested for Germination.** Before sending off any seed corn we make thorough tests to ascertain its vitality, and **we mark the percentage** that germinates on the label so that the purchaser will know just how many kernels out of 100 will grow. We should be glad to give the results of our tests at any time during the winter or spring to any one interested.

**The Cost of Seed Corn.** The price at which seed corn is sold is too low. It only requires a peck of corn to plant an acre. At \$3.00 per bushel the seed for an acre would cost only 75c. At \$1.20 per bu. it would cost 30c. Here is a difference of 45c. per acre for the use of high grade seed. Think of it! One bushel increase in yield would more than pay for the extra cost of the seed.

### HALL'S GOLD NUGGET CORN.

**The Largest and Most Prolific Yellow Flint or "State" Corn Grown.** Ears 12 to 14 in. Long. Eight rows of immense kernels. Ripens perfectly in New York and New England.

This corn is greatly admired by every one who sees it. The ears are often 12 to 14 inches long and over 6 inches around and weigh over a pound. The kernels are simply immense, being twice as large as any other Flint Corn we have ever seen. To those who are accustomed to raising the ordinary yellow "state" corn with small kernels these immense ears are astonishing. The kernels are so large that an ear, having as it does only eight rows, is twice as large around as common eight-rowed corn and usually much longer. Two of these big ears are often produced on one stalk. It is no more trouble to husk, handle and shell a big ear than a small one and you get twice as much corn from the big ear.



Hall's Gold Nugget Corn.

The "Gold Nugget" took the first prize for best State or Flint Corn at the State Fair, Syracuse, 1911.

**Earliness.** This corn matures medium early and is suitable for almost any section of the country except the northern part of New England and a few places of high elevation. In New York state, Massachusetts and all places south and west of these states the Gold Nugget corn will mature perfectly in a normal season and produce immense yields on good soil.

The Gold Nugget corn will well repay for good culture and liberal fertilizing. Any one who is satisfied to raise a small crop of corn had better leave the Gold Nugget alone. It is a variety for good corn growers who want the largest yields they can get and are willing to use the manure or fertilizer and give the culture that is necessary for the best results with any variety.

*Under ordinary field culture we have raised 1140 bu. of ears on 6 acres or 190 bu. per acre equal to 95 bu. shelled corn.*

The Gold Nugget will yield more than any other variety of corn we know of that will mature in this locality. The stalks grow about 7 feet high and are well covered with leaves. Many produce two large ears. The fodder is of excellent quality and the quantity produced is very large.

**For Ensilage.** This corn will prove of great value for ensilage, as it produces an enormous yield of stalks and ears and the grain will mature early so that it may be cut when in just the right stage to produce the greatest amount of food without running the risk of having the crop injured by frost.

**Price of Seed.** Shelled corn from carefully selected ears, by express or freight. **Qt. 25c; peck \$1.00; bu (56 lbs.) \$3.50; 2 bu. or more \$3.25 per bu.** By mail, **pint 25c; quart 40c.**

**On the Ear.** It is much more expensive to ship corn on the ear than when shelled, and it takes more time and trouble so we have to charge a higher price when sent in this way. **Selected ears, 10 lbs. for 70c; 25 lbs. or more 6c per lb.** 70 lbs. of ears will make a bushel of shelled corn.

**Samples.** A sample of the grain will be mailed free to intending buyers. A sample ear will be sent for **25c** to cover postage, etc.

#### MATURES IN CANADA.

Mr. C. W. Vandervoort, of Ontario, Canada, writes Feb. 28, 1910:

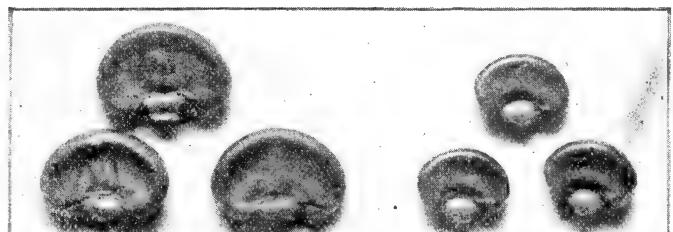
"As for Gold Nugget Corn I see you say it ripens perfectly in New York and New England. Well, you may add Ontario as well. I planted 3 1-2 acres and husked over 400 bu. and have saved for seed about 1,000 ears as pretty corn as a man ever saw. I have the product of one stalk that totaled 34 inches of ears—two 12 in. and one 10 in., and all perfectly filled to the tips. I never saw such fodder. In fact the fodder alone paid me well for the use of the land and labor."

Mr. M. J. Culbertson of Livingston Co., N. Y., writes Jan. 16, 1911;

"The Gold Nugget Corn I got of you was the finest corn that I have grown in a long time. It was a wonder to all that have seen it."

Mr. Arthur Miller of Chautauqua, Co., N. Y., writes Feb. 22, 1911:

"I raised the biggest crop of corn that I ever saw grown in this vicinity from the Hall's Gold Nugget purchased from you last spring."



Hall's Gold Nugget.

Common Yellow Flint Corn.

Exact size of kernels.

## Harris' Mammoth Yellow Flint Corn.

A very fine large yellow

Flint or "State" corn. The ears grow **very long**, often measuring 14 inches, and have eight rows of large, bright yellow kernels filled right out to the tips. The cob is small, the stalks grow about 6 or 7 feet tall and have numerous broad leaves and make an excellent fodder. The ears are produced well above the ground, so the stalks can be readily cut with a binder. Many stalks have **two good large ears** if not planted too thick. We have raised crops of this corn that yielded **180 bushels of sound ears per acre**. This corn will ripen ready to cut in 90 days from the time the corn comes up. Compared with Gold Nugget the corn has ears as long but the kernels are smaller and consequently the ears are not as large around. The stalks do not grow quite as tall and are not as coarse. The corn ripens a week or 10 days earlier.

We are able to offer this year some very high grade seed of this variety. It is of a carefully bred strain and produces ears of uniform type having large kernels, small cob well filled at both tips and butts. There is no finer bred or better **medium early Flint** corn than this. It produces large yields of good sound corn and excellent fodder.

The variety called "Genesee Valley" corn is practically the same as our Mammoth Yellow but most of it is not as well bred and does not have as large ears or as large kernels as ours. **Price**—Shelled corn from carefully selected ears, qt. 20c; pk. 75c; bushel \$2.50. Postpaid, pt. 20c; qt. 35c. Ears, 10 lbs. for 60c; 25 lbs. or more, 5c per lb.



Harris' Mammoth Yellow Flint Corn,  
Ears 12 to 15 inches long.

## Early "Red Glaze" Flint Corn

### An Early Strain of King Philip.

A **very early** Flint or "State" Corn, with deep yellow kernels tinged with red. The ears grow 9 to 10 inches long, 8-rowed, very small cob and are well filled to the tips. The great value of this corn for the north lies in the fact that it **will mature perfectly in any season**, no matter how unfavorable. It was the only corn that matured perfectly in this neighborhood in the very cool summer of 1907. The stalks grow about 6 feet tall and are not coarse and make the best of fodder.

We now have a carefully bred strain of this corn with larger ears and larger kernels than is usual with this variety.

This corn always gets ripe, and on this account often produces much larger crops of good sound corn than larger and later kinds which fail to mature under unfavorable conditions. **Price**—Shelled corn from choice ears, qt. 20c; pk. 75c; bushel, \$2.50. Selected ears, 10 lbs. 60c; 25 lbs. or more, 5c per lb.

## Sanford White Flint Corn.

The Sanford has long been the most popular white Flint corn. The ears

are long and the kernels are of good size, white and very hard. The stalks grow tall and very leafy which makes this one of the most valuable varieties for fodder in the north. The ears mature earlier than the Dent or "western" corn usually sown for fodder, while the stalks are tall without being coarse. **Pk. 60c; bu. (56 lbs.) \$2.00; 2 bu. or more at \$1.85 per bu.**

## Pride of the North.

A very popular early yellow Dent corn for the north. It has been grown in this neighborhood

for years and produces good crops. The ears are of medium size, 8 or 9 inches long and the corn is deep yellow, hard and of high feeding value. One of the best kinds for fodder or ensilage as well as for grain. **Pk. 50c; bu. \$1.60; 2 bu. or more at \$1.45 per bu.**

## "Farmer's Friend" Corn.

An Extra Early Yellow Flint variety.

Where it is necessary to raise corn that will ripen **very early**, the Farmer's Friend will be found most satisfactory. With this variety planted reasonably early you may be sure of a crop that will ripen before frost, even in a very unfavorable season. In a favorable season we have cut it the last week in August, and the seed was not planted till the first of June. For places where the larger kinds of corn do not mature, or where it is desirable to get the corn off the land early, the Farmer's Friend will be found of great value.



Early Red Glaze Corn. (Photo)

The ears are of medium length, 8 to 9 inches long, and have 8 rows of **very large**, deep yellow kernels, and are filled right out to the tip. In this respect it surpasses any other corn we ever saw, as every ear, when grown on good land, is filled out perfectly.

The stalks grow about six feet high and have an abundance of large leaves so that they make the **very best of fodder**. Most stalks have two good ears and some have three. On a hill containing four stalks we have counted 9 ears. While the ears are not as long as some kinds, yet so many more are produced, and they have such large kernels, that the yield is large.

**Price.** Shelled corn from choice selected ears. Postpaid, **pt. 20c; qt. 35c.** By freight or express, **qt. 25c; pk. 85c; bu. \$3.00.**

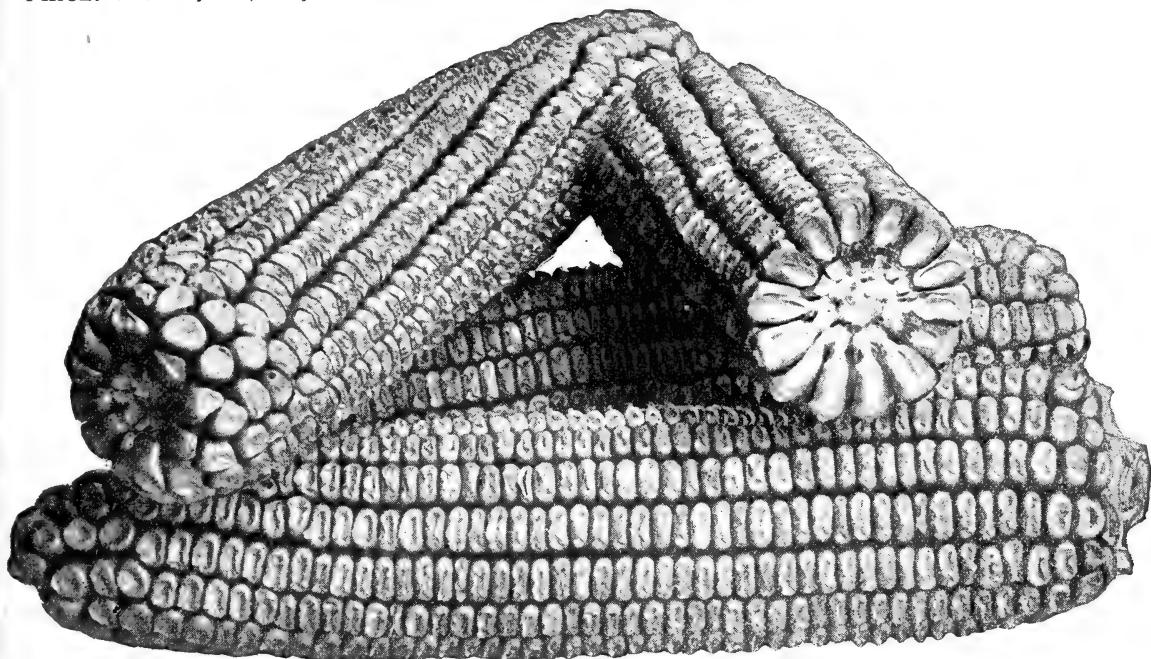
## EARLY GOLDEN SURPRISE CORN

Although not quite as early as Davis' Early Huron this is an early Dent corn, called a "90 day" variety in Ohio, and matures perfectly in New York state in a favorable season.

The ears are of good length, not too large around, nearly the same size the whole length, small cob and deep, well formed, yellow kernels. This is one of the best early yellow Dent varieties we know of. It not only produces large crops of corn of the highest grade but it also is valuable for fodder and ensilage. Large dairymen who have tried this corn say it is the best variety they can raise for ensilage. It produces immense crops of stalks of the **best quality** being leafy and not too coarse. The ears **mature early** so the corn can be cut before danger of frost. This will be found a better variety than Leaming for ensilage in New York and New England.

Those who want an early Yellow Dent corn that is well bred and very prolific will find the Golden Surprise a most satisfactory variety. The seed we offer is exceptionally fine being of a carefully bred strain and of perfect germination.

**PRICE.** Pk. 60c; bu. \$1.75; 2 bu. or more at \$1.65 per bu.



Early Golden Surprise Corn. (Photograph.)

## DAVIS' IMPROVED EARLY HURON CORN.

This Variety was awarded a Silver Cup in the New York Central contest for the best Corn grown in New York State exhibited at the State Fair, Syracuse, 1911.

See photograph of the Cup and Corn on back page of cover of this Catalogue.

It is a well known fact that the western Dent corn yields more bushels of shelled corn per acre than the eastern "State" corn. Western grown seed, however, does not produce corn that ripens well in the east. When seed grown in this state is used and the variety is a good one Dent corn will mature perfectly and produce big yields of nice sound corn.

Where horses are fed corn on the ear Dent corn is much better than Flint or State corn, as it is softer and shells easier.

**DAVIS' IMPROVED EARLY HURON** is the earliest Dent corn we know of. This corn ripens fully as early as most varieties of Flint or "State" corn and earlier than some.

The seed we offer was grown by Mr. A. S. Davis on a nearby farm. Mr. Davis has selected his seed corn for many years with a view to improving the type and has succeeded in producing so good a corn that he was awarded a silver cup for the best exhibit of corn at the State Fair, Syracuse, N. Y., 1911.

The ears are of medium length, 8 to 9 inches long, and have 14 to 16 rows of deep, well formed kernels. The cob is small and dries out quickly, and the ears break off easily when husked. The ears are very compact and heavy. Two bushel crates of ears will produce nearly 1½ bushels of shelled corn.

**The Stalks** grow 6 to 7 feet tall and make good fodder.

For those who want to raise large crops of corn that will get ripe early in September we highly recommend this variety.

**PRICE OF SEED.** We offer some very fine seed grown by Mr. Davis that will be found of the very highest quality in every way. Shelled corn by mail, **pt. 20c; qt. 35c.** By express or freight, **qt. 20c; pk. 75c; bu. \$3.00.** On the ear, **10 lbs. 60c; 25 lbs. or more 5c. per lb.** (70 lbs. of ears will make one bushel shelled corn, which would plant 4 acres of ground.)

## **White Cap Yellow Dent Corn.**

This is one of the most prolific varieties of Dent corn grown. If you want to raise good corn and lots of it plant the White Cap. The corn is yellow with a white tip or "cap" to each kernel, so that the ears look white on the outside, but the corn when shelled is light yellow and very handsome. The ears are of good length (about 10 inches), large around, with 16 to 18 rows and filled out to the tips.

**SELECTED WHITE CAP.** This is the finest strain with large ears well filled with deep kernels of a good bright yellow, tipped with white. It will mature in the southern counties of this state and anywhere in Pennsylvania, Ohio and in lower Michigan. The seed we offer was grown for us in Northern Ohio and is of a fine pure strain especially selected for raising large crops of grain. Seed from the best ears tipped and butted before shelling. Pk. 75c; bu. \$2.50; 2 bu. or more at \$2.25 per bu. We should be glad to send sample after March 1st.

**No. 1. WHITE CAP.** This is the same as the selected strain except that the ears are not so carefully sorted and the tip and butt kernels are left on. It is all good sound seed corn of strong vitality.

**For Fodder.** This is one of the very best varieties for fodder and ensilage. The stalks grow tall and leafy and the corn matures early so that it can be cut before danger of frost. Pk. 50c; bu. \$1.50; 2 bu. or more at \$1.35 per bu. Special prices quoted on large lots.



**White Cap Yellow Dent Corn.** (From a Photograph.)

**Early Michigan White Cap.** This is a strain of White Cap corn that matures 10 days earlier than the Ohio strain. It produces good large ears and a big yield of nice fodder. It is so early that it will mature perfectly anywhere in this state and in most of New England. It is a valuable variety for either grain or ensilage. Ears grow longer than any other variety of Dent corn that is early enough for this locality. Pk. 75c; bushel \$2.50; 2 bu. or more \$2.25 per bu.

**Improved Leaming Corn.** This has long been considered one of the best yellow Dent varieties, both for grain and fodder. It is medium early and ripens well in some parts of this state, although it is not a safe variety to raise north of Pennsylvania. The ears are large, with very deep, bright yellow kernels. The cob is small. The stalks grow to a medium height, and often produce two large ears, and make first-class fodder. This corn succeeds well on nearly all soils, and will produce large crops of high grade deep yellow corn. This is one of the best varieties to sow for fodder and ensilage, as well as for grain. We offer some very choice seed of a thoroughbred strain, grown for us in Northern Ohio. Price, pk. 60c; bu. \$1.85; 2 bu. or more at \$1.75 per bu.

**Leaming for Fodder.** We can furnish good sound Leaming corn of strong vitality and well suited to sow for fodder and ensilage at the following prices: Bu. \$1.50; 2 bu. or more at \$1.35 per bu. Special prices on large lots. Please write us stating quantity required.

**Cuban Giant Ensilage Corn.** This corn has been produced by careful breeding with the idea of getting a variety that would produce the largest crops and best quality of ensilage or fodder. The stalks grow tall and are covered with large leaves from bottom to top. The stalks grow so large and have so many leaves that enormous crops of fodder are produced. The corn is much superior to the common "sheep tooth" southern corn, so commonly sold for fodder, as it is more tender and leafy and matures earlier. If planted early this corn will mature ears to the glazing stage in this latitude before frost. It is earlier than "Eureka" fodder corn and yields fully as much. The corn is white with red cob. Price—Pk. 50c; bu. \$1.60; bag of 2½ bu. \$3.50. No charge for bags. Write for price on large lots.

**Sweet Corn for Fodder.** It is well known that fodder grown from sweet corn is richer, sweeter and more tender than that grown from common corn. The best sweet corn for the purpose is Stowell's Evergreen. If the stalks are cut while green cows will eat them up clean with hardly any waste. There are varieties of corn sold for fodder called "Evergreen," but they are not sweet corn, and do not produce as good fodder. What we offer is genuine Stowell's Evergreen Sweet Corn. In raising Stowell's Evergreen Sweet corn for seed there are, of course, many ears that are too small, not well filled, or true to type, which have to be rejected from our selected seed corn. All of this that will germinate well we offer for raising fodder. Pk. 65c; bu. \$2.00; 2 bu. or more at \$1.90 per bu. If a larger quantity is required please write for sample and price on quantity desired.

## **Seeds of Forage Plants, Etc.**

There are many plants suitable for forage and soiling that ought to be better known than they are. They are of great value both for stock feeding and improving worn out soils.

### **SOY BEANS**

The Soy Bean is a most valuable plant for feeding stock. The vines can be cut and used as hay, or they may be left until the beans are ripe and fed without threshing. A good variety will yield 2 or 3 tons of hay and 20 bu. of grain per acre and the cost of raising the crop is very small. The seed is usually drilled in rows 24 to 28 inches apart and the crop cultivated two or three times before the vines cover the ground. The crop can be cut with a mower and handled like clover or alfalfa. Both the hay

and grain make most excellent food for cattle, sheep and horses; cows give more milk and sheep fatten better on Soy beans than any other food.

**For the Silo.** It has been found that Soy Beans cut as soon as the beans mature and mixed with corn fodder make very rich ensilage, far superior to corn alone, as the Soy Bean contains a high percentage of protein which is lacking in corn.

For full information about Soy Beans, culture, etc. write to the U. S. Dept. of Agriculture, Washington, D. C. for Farmers Bulletin No. 372. (free.)

**Medium Early Green Soy.** For the Northern states it is important to use a variety of Soy Beans that will mature before frost. The large southern Yellow or Mammoth Soy Bean will not mature north of Virginia. The Medium Early Green will mature here in New York State and yield immense crops of both hay and grain. This is the best variety we know of for both hay and grain. The plant grows upright so they can be easily cut with a mower and the leaves do not drop off as quickly as some varieties. This variety has proved to be the heaviest producer of both grain and forage of any early variety suitable for the northern States. **Ot. 25c; pk. \$1.25; bu. \$4.50.**

**Mammoth Yellow Soy.** This variety will not mature seed in the north but makes a large growth of forage and is used for hay and to plow under to improve the soil. **Ot. 20c; pk. 85c; bu. \$3.00.**

## CANADA FIELD PEAS.

These peas are grown principally for their vines which make hay equal to the best clover hay. They are usually sown with oats and cut when the oats head out but before the grain is ripe. If anyone is likely to be short of hay he will do well to sow a few acres of oats and peas. We have used this hay for sheep, horses and cows with the best results. It is as easily cured as clover and will yield large crops. We sow two bushels of peas and one bushel of oats per acre. Sow early in the spring. The crop of seed was so poor last season that the price of peas is now no higher than ever before. **Pk. 60c; bu. \$3.00; bag lots (2½ bu.) \$2.85 per bu.** Price will be quoted by letter on larger lots.

## COW PEAS.

This is really a bean and is used for both hay and for plowing under.

**Whippoorwill.** The most popular variety. It produces a heavy growth of vines and is a rapid grower. The seed should be sown in June and the crop can be cut in August. Use about  $\frac{1}{2}$  bu. seed per acre in drill, 28 inches apart. **Ot. 20c; pk. 90c; bu. \$3.25.**

## JAPANESE MILLET.

### (Panicum Crus-Galli.)

This new Millet from Japan is becoming quite popular in this country. It grows so strong that the stalks look like small corn fodder. Very large crops can be raised, nearly double that of common millet. The hay is relished by horses, cows and sheep. Even when allowed to ripen its seed, the hay after the seed is threshed out is readily eaten by stock, there being no waste as in the case of corn stalks.

The Millet should be sown about the same time corn is planted. It is usually sown broadcast at the rate of about 10 or 12 quarts (or an equal number of pounds) per acre. It is cut when it heads out, and before the seed ripens. It does best on sandy land or medium light soil. We offer some extra fine, pure seed.

**Price, by mail, 25c. per lb.** By express or freight, **pk. 60c; bu. (35 lbs.) \$2.15; 2 bu. or more at \$1.90 per bu.**



**German or Golden Millet.** Makes a good heavy growth of hay that is suitable for cattle. Can be sown in July and makes a good crop before fall. Use three pecks of seed per acre.

**Price, about \$2.00 per bu., subject to market changes.**

**Hungarian.** This Millet matures a week or so earlier than Golden Millet, and does not grow quite so large but makes finer hay of better quality. **Price, about \$1.90 per bu.** Lowest market price will be quoted by letter at any time.

## DWARF ESSEX RAPE

### The Best Forage Crop for Sheep and Hogs.

Rape is a plant belonging to the cabbage family. It produces a mass of broad, smooth leaves which are greatly relished by sheep and hogs. It can be pastured off, and when stock is removed, if not eaten too close, it will grow up again and give a second crop.

It does best on rather moist land, but will do well on any good soil. It is best to sow the seed in drills 18 to 22 inches apart, but it can be sown broadcast to good advantage. It requires about five pounds of seed per acre. If sown in drills it should be cultivated once. It does best if sown about the middle of August. It can be sown broadcast on corn ground after the last cultivating and will make good pasture after the corn is removed.

There is no better variety than the Dwarf Essex, if it is true to name. The so-called "Victoria" Rape is the same as the Dwarf Essex.

Seed of the genuine DWARF ESSEX RAPE, postpaid, **20c. per lb.** By freight or express, **10c. per lb; 10 lbs. for 75c; 25 lbs. or more at 7c. per lb.**

## SORGHUM.

When grown for fodder or hay Sorghum is sown with a grain drill, using about  $1\frac{1}{2}$  bu. of seed per acre. It can be cut with a binder or mower. It will cure in the field and can be fed as wanted. It makes excellent feed for late summer when pastures get short. Sow first half of June and harvest in August. It will yield 6 to 8 tons per acre.

**Early Orange.** This is considered the best variety of Sorghum for fodder in the northern states, and for grain or syrup in the south. It makes a stronger growth than other kinds. By mail, **per lb. 20c.** By express or freight, **per lb. 10c; pk. 60c; bu. (56 lbs.) \$2.65; 2 or more bu. at \$2.50 per bu.**

## SUNFLOWER.

Sunflower seed is quite extensively grown for feeding purposes. The seed should be sown in rows  $3\frac{1}{2}$  feet apart and plants thinned to a foot apart in the rows. Treat the same as corn.

**MAMMOTH RUSSIAN.** This is the variety commonly used to produce seed. The heads are often one foot across, and are filled with large striped seeds, which make most excellent food for hens. **Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 15c; lb. 25c, postpaid.** By express, **15c. per lb; 5 lbs. or more at 10c. per lb.**

## KAFFIR CORN.

This is a variety of Sorghum and produces much larger crops of grain than any other kind. It is largely grown for both grain and fodder in the southwestern states. It will produce 50 bushels grain per acre and it is excellent for chickens, hogs, etc. It is not affected by dry weather to any extent and yields good crops when other grains fail on account of drought.

When raised for grain sow 6 to 8 lbs. seed per acre and cultivate same as corn. For hay, drill in about a bushel of seed per acre, using all teeth of grain drill.

By mail, postpaid, **20c. per lb.** By freight or express, **Pk. 60c; bu. (50 lbs.) \$1.90; 2 bu. or more at \$1.75 per bu.**

## HAIRY or SAND VETCH.

### (Vicia Villosa.)

Vetches have lately come into favor as catch crops or "Nitrogen gatherers." The plant is hardy and when sown in the fall will protect the ground in the winter and furnish a good crop of green forage in the spring, or it may be plowed under to enrich the land. The plant is very much like a fine-leaved pea vine and grows three or four feet long. The seed should be sown in the fall, in this latitude about September 1st, and later further south. It does not succeed sown in the spring. It is well to sow a small amount of rye with the seed to support the vines. It requires about 50 pounds of seed per acre. By mail, **25c. per lb.** By express, **15c. per lb; 10 lbs. \$1.40; 25 lbs. \$3.25; 100 lbs. \$12.25.** Write for price when ready to buy.

**Spring Vetch.** (*Vicia Sativa*.) This variety is similar to the above but has larger leaves and grows better when sown in the spring. It is, however, far inferior to Hairy Vetch sown in the fall. In our experience the Spring Vetch has not proved hardy here, and we do not advise it for fall sowing, except in the south, where it is largely grown. It is often called "Winter Vetch" in the south. By mail, **25c. per lb.** By express, **10c. per lb; 10 lbs. 60c; 25 lbs. \$1.35; 100 lbs. \$5.00.**

# GRASS AND CLOVER SEEDS

We sell only the highest grades of grass seeds. They are practically pure and are all tested for germination before we send them out.

If you want **this kind of seed** write us for sample and prices. You can get ordinary seed at the corner store.\*

The prices quoted below are for the seeds delivered to railroad or express companies here, the purchaser to pay freight or express charges.

Please write us for samples and prices when ready to buy grass seeds, stating what will be needed.

**Good Seed is the Cheapest.** Good pure seed of clover, timothy or other grasses costs more per bushel than low grade seeds but when you come to figure it out the high-grade seed is the **cheapest**. Take for example this case. We sold last spring a quantity of high grade Alfalfa seed to one of our customers at \$16.00 per bushel. He sowed 12 lbs. or 6 qts per acre. His neighbor on an adjoining farm sowed at the same time 25 lbs. or 13 qts. per acre of Alfalfa seed he bought at \$2.00 per bushel cheaper than we charged. It cost the one who bought high grade seed \$3.15 per acre and the one who bought low priced seed \$5.85 per acre. The results were that the 12 lbs. of good seed gave a perfect stand, as thick as could be desired, while the 25 lbs. of cheap seed made only a fair stand of plants.

## High Grade Alfalfa Seed.

It is a good deal of work to get a field of Alfalfa started right, but when you have it established it will last for a good many years and prove more profitable than most gold mines.

You can't expect perfect success unless you use good seed—the very best seed. There are other points to be considered also, but the seed is of great importance. A great deal of low grade seed is sold. It usually contains many weed seeds, dead seed and other impurities, the worst of which is **dodder**. Such seed is very expensive at any price.

We are glad to be able to offer some very pure, clean, bright Alfalfa seed, grown in the Northwest. This seed has been examined by the U. S. Department of Agriculture and found to be entirely free from **dodder**, Trifol and **Burr Clover** and to be over 99% pure and germinates 90%. It is the finest alfalfa seed of the 1911 crop we have seen. There could hardly be anything better.

This seed cost a lot more than common seed but it is better worth 50 cents per lb. than common seed is worth 10c. We have but a limited quantity of this choice seed and advise those who want it to order early. Price, **per lb. 35c; by mail 45c;** **10 lbs. 25c per lb.; 50 lbs. or more 23c per lb. or \$13.80 per bu.** of 60 lbs., 1 peck (15 lbs.) of this high grade seed is enough to sow on an acre. 25 to 30 lbs. of ordinary seed is required to get the same results.

**Culture of Alfalfa.** The seed may be sown either in the spring or in August. The ground should be very thoroughly prepared and should receive a dressing of about 1,000 lbs. lime per acre. Sow 15 to 25 lbs. of seed per acre. Do not sow any grain crop with the seed. If sown in the spring cut the weeds when they get a foot high. For August seeding plow the land **early**, (this is important,) and keep it well worked and free from weeds until the seed is sown.

**TURKESTAN ALFALFA.** This Alfalfa is said to be superior to the American variety. We can furnish genuine Turkestan seed, imported direct from the best growing district in Turkestan. **Per lb. 30c; by mail 40c; 10 lbs. or more at 25c per lb.** Please write for prices on larger quantities.

**ALSIKE CLOVER.** Grows well on low, wet land, where Red clover will not do well. For heavy or wet land it is a good plan to mix Alsike and Red Clover, using about half as much Alsike as Red. There is a great difference in grades of this seed. Low grades contain as much as 50% impurities and dead seed. We offer only the best and purest seed. **Per qt. 55c; pk. \$3.75.** Write for prices per bushel.

**Crimson Clover.** Used very extensively for plowing under to enrich the land and as a cover crop. It is usually sown in August, and will make a good growth before winter. Should be sown on all bare pieces of ground in August or September. Extra fine seed, **per lb. 18c; pk. \$2.25; bu. \$8.50.**

**RED CLOVER, Medium.** This is the common Red Clover so extensively grown. We can furnish the highest grade of seed free from **dodder**, and over 99% pure. We shall be glad to send sample and quote lowest possible price at any time. We can furnish the highest grade of seed at very little, if any more, than you will have to pay for low grade seed. **Pound 30c; peck about \$3.85.**

**RED CLOVER, Mammoth.** Also called "Pea Vine" clover. This variety grows larger and coarser than the Medium and is not as valuable for hay. Most dealers sell Medium and Mammoth Red Clover seed out of the same bag, so it is rather difficult to get any pure seed of the Mammoth. We buy clover seed of other growers, so have to depend on them as to the purity of the seed. We can furnish what is claimed to be Mammoth Clover at the market price, which will be quoted by letter at any time. **Peck about \$3.85.**

**White Clover.** Used principally for lawns and sheep pasture. **Per lb. 35c; by mail, 45c; 10 lb. or more at 30c. per lb.**

**BROMUS INERMIS or Awnless Brome Grass.** A good grass for dry climates. Will make a strong growth on land too dry for other grasses to grow. Highest grade seed. **Per lb. 16c; 10 lbs. at 13c. per lb; 50 lbs. or more at 12c. per lb.**

**English Perennial Rye Grass.** A desirable grass for hay and pasture. **Per lb. 10c; bu. (24 lbs.) \$1.85.**

**Italian Rye Grass.** An annual grass. Largely grown in the south, where it is used for hay and pasture and also for lawns. **Per lb. 10c; bu. (18 lbs.) \$1.80.**

**Kentucky Blue Grass.** One of the best grasses for pasture and lawns. Of very little value for hay. **High grade seed, 30c. per lb; by mail, 40c; bu. (14 lbs.) \$3.75.**

**Canadian Blue Grass.** A more rapid grower than Kentucky Blue grass and more valuable for hay and equally good for pasture but not as suitable for lawns. This is an excellent pasture grass and should be more largely used. Fancy high grade seed, **25c. per lb; by mail, 35c; bu. (14 lbs.) \$2.75.**

**MEADOW FESQUE.** Of great value for permanent pasture and for hay. Does best on strong land. Makes a finer and better quality of hay than Orchard grass. Very short crop of seed. **Per lb. 35c; 10 lbs. or more at 30c. per lb.**

**ORCHARD GRASS.** A strong growing grass, valuable for pasture and hay. Starts very early in the spring. Highest grade seed **25c. per lb; bu. (14 lbs.) \$2.75.**

**RED TOP.** Valuable for low land as it is not injured by water. Grows 3 to 4 feet high, and makes very good hay. Finest re-cleaned seed (weighing 32 pounds per bushel) **26c. per lb; 10 lbs. or more 24c. per lb.** Unhulled seed (that is seed in the chaff) **per bu. of 14 lbs. \$1.75.** Price variable. Write for samples and price when ready to buy.

**TIMOTHY.** We can furnish choicest re-cleaned seed at market prices. Please write us for samples and price, stating about how much seed will be needed. **Pk. \$2.35; bu. about \$8.75.**

**Grass Mixtures.** For hay and pasture. We have from time to time made up special mixtures of the best kinds of grasses and clovers for some of our customers who requested us to do so, and we believe they have generally given excellent results. We should be glad to do this for any one. We do not offer a mixture as some seedsmen do because conditions vary so much that a mixture that would be good in one case would not suit at all in another. It is always best to make up the mixture to suit the conditions where it is to be used.

Any one wishing to buy grass seeds mixed in the proper proportions for sowing, and will let us know on what kind of soil it is to be used and whether hay or pasture is most desired we should be glad to advise him as to the cost of the seed and how much to use per acre.

## Harris' Lawn Grass Seed.

Nothing but the very best and purest seeds of grasses suited to the purpose should be used for seeding a lawn. There are only a few kinds adapted to lawns, and we have made up a mixture of these in the proper proportion of each kind, using only the highest grade and purest seed obtainable. This is **Harris' Lawn Grass Seed**, and it will be found just what we say it is—the best lawn grass seed that can be procured.

For general use on good rich soil, not much shaded, use our regular lawn grass seed at the rate of about one pint ( $\frac{1}{2}$  lb.) to 100 square feet. The ground should be rolled after seeding unless it is very wet.

For seeding under trees and other shady places use our mixture for shady lawns at the same rate as above.

**Harris' Lawn Grass Seed.** By mail, **45c. per lb. (1 $\frac{1}{2}$  qts.)** By express, **lb. 35c; pk. (8 lbs.) \$1.80; bu. (24 lbs.) \$6.00.**

**For Shady Lawns.** Although no grass will grow on land that is entirely shaded during the whole day, the grasses in this mixture will thrive in places where ordinary kinds would die in a few months after seeding. By mail, **75c. per lb.** By express, **lb. 65c; 5 lbs. or more at 60c. per lb.**

# FLOWER SEEDS

**Annual and Perennial Flowers.** Flowers like Asters and Sweet Peas, which bloom but one season and die in the fall are called "Annuals." Those that live through the winter and bloom year after year are called "Perennials." Some perennials bloom the same year that the seed is sown, but some do not bloom till the next year. Most of the flowers in this catalogue are annuals. Where they are not it is so stated.

**Culture of Flowers.** Our little pamphlet on the culture of vegetables and flowers gives directions for raising the more popular kinds of flowers. It will be sent with all orders for seed to the amount of 50 cents or more, when requested. Ask for "Cultivation Pamphlet."

**New Varieties.** We offer some new varieties of flowers this season which we have found to be of real value. They will be found described under their proper heads (arranged alphabetically) in this catalogue.

**50c Worth of Flower Seeds Free.** Send us \$1.00 for Flower Seeds in packets at our regular catalogue price (except special combination offers that are marked "net" in the catalogue,) and we will send you 50 cents worth extra, without charge, you to select what you want, but all seeds, both what you order and what you select extra, must be in **packets** (not ounces or pounds,) and must not include special offers marked "net." In other words you can have \$1.50 worth of Flower Seed in packets of your own selection for \$1.00.

**Abronia.** A beautiful California plant, trailing along the ground and resembling the Verbena. It has fragrant flowers, lilac and rose colored, and continues to bloom all through the summer and autumn. **Pkt. 5c.**

**Ageratnm.** An annual plant about eight inches high and bearing fringe-like flowers. Especially useful for beds, as the plants are covered with flowers all summer.

**Blue, pkt. 5c. Pure white, pkt. 5c.**

**Amaranthus.** The plant grows four or five feet high and bears long tassel-like flowers of a deep red color. **Pkt. 5c.**

## ALYSSUM

A very pretty little plant, covered with pure white sweet scented flowers, which are produced all through the summer.

**Sweet Alyssum. Pkt. 5c; 3 pkts. 12c; oz. 25c.**

**Little Gem.** A new dwarf variety, growing only a few inches high, but the plant spreads out to a foot in diameter and is covered with compact spikes of white flowers all summer. By far the best sweet alyssum. To get the best results the plant should be thinned to a foot apart. **Pkt. 5c; 3 pkts. 12c.**

## ASTERS

Asters are easily grown and make a beautiful display of large, handsome flowers during August and September. Seed can be sown in the open ground in May and the plants will flower in September. Earlier flowers can be obtained by sowing the seed in boxes in March and setting out the plants in the open ground in May or June. Market gardeners find it quite profitable to raise a few asters to sell in the market. There is always a good demand for them, especially if the best varieties are raised.

**Grego Asters.** Some of the finest asters in this country are raised right in this neighborhood (near Rochester) where they are raised for cut flowers and for seed by the acre. We have inspected many fields where some fine asters were being raised but have failed to see any as large and handsome as the Grego asters we raise on our own farm. *The Grego surpasses in size and beauty any aster we have ever seen.* The flowers are simply immense, five to six inches in diameter, and are produced on strong stems often two feet long. The flowers are of beautiful form, with very long and gracefully curled petals. They are extremely double and very few show any yellow centers. We are sure all who try the new aster will be pleased with it.

Florists and gardeners will find the Grego aster a most profitable flower to raise. Its immense size, handsome form and long stems, make it command the highest price in any market. We offer seed of our own growing from the best flowers only, all inferior plants being rejected.

**Grego Pink.** Very light shade of soft pink deepening as the flower opens. This is by far the largest and handsomest of the Grego asters. **Pkt. 10c; ¼ oz. 50c; oz. \$1.50.**

*See Photograph on cover of this Catalogue*

**Grego White.** Pure white flowers of very large size and fine form. The white variety is however not quite equal in size and beauty to the pink. It is however one of the very finest white asters. **Pkt. 10c; ¼ oz. 60c; oz. \$2.00.**

**Grego Mixed.** Composed of pure white, deep red, lavender and pink. The flowers of these different colors are not all as large and handsome as the Pink Grego. **Pkt. 10c; ¼ oz. 50c.**

**Rose King.** This is the handsomest rose colored aster we have seen. The flowers are large, full and of a beautiful shade of red, bright and glowing. The plants are of strong vigorous growth and produce the flowers on long strong stems, often two feet in length. A grand aster to raise for market as well as the home garden. **Pkt. 10c; ¼ oz. \$1.00.**



Rose King. A very fine new aster.

**DAYBREAK.** An early flowering variety with very double flowers of symmetrical form and large size. The color is nearly white but with a slight tinge of pink. The plants produce great numbers of flowers, all of which are large and handsome. **Pkt. 10c; 3 pkts. 25c.**

**Hohenzollern Aster.** These are superb asters with immense flowers produced on stems often two feet long. They are so large and have such long twisted petals that they are often mistaken for Japanese Chrysanthemums. We know of no larger and finer asters than these, except the Crego.

We offer a few of the most attractive colors produced in this new class of asters:

**Hohenzollern—White.** One of the largest and finest white asters **Pkt. 10c**

" **Brilliant Rose.** A bright rose-colored aster " 10c

" **Dark Blue.** A deep bluish purple - - - - " 10c

" **Mixed.** The above three varieties mixed - - " 10c

**Special**—One packet, each of the three colors separate, **20c. net.**

**Semple's Pink Branching.** This is one of the handsomest asters. The flowers are large and of

fine form, with long, gracefully curled petals, and are of a beautiful shade of clear light pink. They are borne on long, slender stems, so that they are very graceful when used as cut flowers for decorative purposes. The plants make a strong growth and produce great numbers of large, perfectly double flowers. We have a very fine strain of this variety. **Pkt. 8c; 3 pkts. 20c;  $\frac{1}{4}$  oz. 45c; oz. \$1.50.**

**SEMPEL'S BRANCHING, Mixed Colors.** These asters are similar to the Pink Branching described above, except in color. We have a mixture of the best colors yet obtained in this class. **Pkt. 8c; 3 pkts. 20c;  $\frac{1}{4}$  oz. 35c.**

**WHITE BRANCHING.** The flowers are of a slightly different form from those of the Semple's Branching, the petals being broader and not so much incurved in the center. This variety is one of the most graceful of all white asters, and the plant produces a large number of flowers for a long time. The flowers have long stems and are of good size and fine form. Flowers rather late and continues until frost. **Pkt. 8c; 3 pkts. 20c;  $\frac{1}{4}$  oz. 40c.**

**ROSE BRANCHING.** A very handsome rose-colored aster, of fine form and charming shade of color. **Pkt. 10c; 3 pkts. 25c.**

**TRUFFAUT'S PAEONY FLOWERED PERFECTION.** One of the handsomest varieties. The flowers are very large and double, with incurved petals, producing a perfect ball. Plants grow 20 inches high and are covered with flowers. Our seed is a mixture of the most beautiful colors. **Pkt. 10c; 3 pkts. 25c.**

**New "Violet King" Aster.** A very handsome Aster of fine form, and of a beautiful shade [of light purple or violet. The flowers are very large, and are produced on long stiff stems, so that they make handsome cut flowers. The plant is a very vigorous grower, healthy and produces a great number of flowers all through the fall. **Pkt. 10c;  $\frac{1}{4}$  oz. 50c.**

**GIANT WHITE COMET.** This is one of the largest of all white asters. The petals are curled and twisted like a chrysanthemum, which gives the flower a very pleasing effect. The plant makes a strong stocky growth, and is covered with immense, pure white flowers of good form. **Pkt. 8c; 3 pkts. 20c;  $\frac{1}{4}$  oz. 35c.**

**Giant Comet, Mixed Colors.** Flowers same as Giant White Comet, but of various colors. **Pkt. 8c; 3 pkts. 20c;  $\frac{1}{4}$  oz. 35c.**

**NEW ROSE.** Flowers large and resembles a rose. Blooms profusely and is one of the handsomest asters. We offer seeds of the best colors mixed. **Pkt. 8c; 3 pkts. 20c.**

**OSTRICH PLUME, Terra Cotta.** A very unique and charming aster having long twisted petals. The flowers are large and of a beautiful shade of salmon pink, a color not often seen in asters. Every one should have some of this variety. **Pkt. 10c.**

**SPECIAL OFFER. Four of the Best Asters.** We will send one packet each of Crego Pink, Crego White, Rose King and Hohenzollern, Dark Blue, for **25c net.**

This will give a collection of the very finest Asters of four distinct colors that are the most desirable.

**CHOICE VARIETIES OF ASTERS MIXED.** This mixture is composed of seed of Crego, White Branching, Semple's Pink Branching, Comet, New Rose, Daybreak, Truffaut's Peony-flowered Perfection, Hohenzollern (white and dark blue). **Pkt. 8c; 3 pkts. 20c.**



Simple's Pink Branching Aster.  
(From a Photograph.)

**ASTER PLANTS.** We can furnish plants of the following varieties of Asters (which are the best kinds) ready to set out about June 1st. These plants will produce very handsome flowers in August:

**CREGO PINK.** Both pink and mixed colors.

**CREGO WHITE.**

**HOHENZOLLERN.** Dark Blue.

**SEMPEL'S PINK BRANCHING.** Shell Pink.

**ROSE KING.** Bright rose color.

**VIOLET KING.** Light purple or violet.

These varieties include all the most desirable colors. **Price of Plants.** By mail, **40c per doz.** By express, **doz. 30c; 50 plants \$1.00; 100 plants \$1.75.**

## Bachelor's Button

A very popular flower and one that everybody can have, as it is as easy to raise as a weed. Plants grow two or three feet high and bloom continuously.

**NEW DOUBLE.** Flowers larger than the common Bachelor's Button, and part of them are semi-double. The handsomest variety. Flowers produced in the greatest profusion all summer. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

**Emperor William.** Single flowers of a deep clear blue, and of large size. **Pkt. 5c; 3 pkts. 12c.**

**Mixed Colors.** A mixture of the best single varieties. **Pkt. 5c; 3 pkts. 12c.**

**VICTORIA.** A dwarf variety, growing only eight inches high, and covered with dark blue flowers all summer. Very pretty for edges or borders. **Pkt. 5c; 3 pkts. 12c.**

## Balloon Vine

A rapid growing vine with white flowers, followed by seed vessels resembling small balloons. Sow in May. **Pkt. 5c.**

## BALSAMS

These charming flowers can be easily grown in the open ground, and will flower abundantly early in the summer. To get best results the plants should be thinned out to a foot apart.



Double Camellia-Flowered.

**Double Camellia-Flowered.** These are the finest Balsams in existence. The flowers are very large and perfectly double, and grow so thickly on the stems that the plant resembles a mass of bloom from top to bottom. Our seed is of the very finest strain, producing perfectly double flowers, of the best form and largest size. **Mixed colors, pkt. 8c; Pure White, ptk. 10c.**

**Double Spotted.** Large double flowers, spotted with various colors. Very pretty. **Pkt. 5c; 3 pkts. 12c.**

**Rose Flowered.** A most beautiful class, the flowers resembling small roses, and are perfectly double and of charming colors. **Pkt. 5c; 3 pkts. 12c.**

## CLARKIA

Plants 2 to  $2\frac{1}{2}$  feet high and covered with very pretty double flowers. Very handsome and ornamental plants and should be more generally grown. Easily raised from seed sown in the open ground in the spring.

**Double, Mixed Colors, ptk. 5c; 3 pkts. 12c.**

**Carmine Queen.** A very attractive new variety of Clarkia that should be better known. The flowers are large, double and of a very pleasing shade of carmine pink. A much handsomer flower than any Clarkia we have seen before. The flowers are produced in sprays a foot long and make very useful and attractive cut flowers. **Pkt. 10c; 3 pkts. 25c.**

## CASTOR OIL BEAN. (*Ricinus*)

A very effective plant for lawn decorations or screens. Plant the seed when the soil is warm and where the plants are to grow. It is well to put three or four seeds in a place and thin to one good plant.

**CAMBODGENESIS.** This is a most attractive and gorgeous variety. The plants grow rapidly, and the dark, reddish bronze leaves with large red veins present a most luxuriant and striking appearance. When young the leaves and stems are reddish brown, while the main stem is a lustrous black, producing a gorgeous effect. **Pkt. 5c; oz. 25c.**

**ZANZIBARIENSIS.** The largest variety, often growing 12 feet tall, with enormous leaves measuring over two feet across. The leaves are green; while the stalk, stem and veins of the leaves are red, brown and yellow, producing a gorgeous display of color. **Pkt. 5c; oz. 25c.**

## CANDYTUFT.

Candytuft is a very hardy plant, easily grown, and flowers all summer. It is a universal favorite, and is used for beds, borders, pots, etc.

**EMPERESS.** An improved variety producing very long spikes of bloom resembling a White Hyacinth. This is certainly the finest white Candytuft. **Pkt. 5c; 3 pkts. 12c.**

**Dunnett's Crimson.** Flower of a light shade of red. **Pkt. 5c; 3 pkts. 12c.**

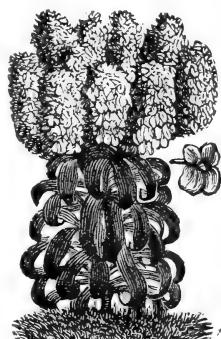
**WHITE ROCKET.** Large spikes of pure white flowers. **Pkt. 5c; 3 pkts. 12c; oz. 25c.**

**White, Sweet Scented.** The well known sweet-scented candytuft. **Pkt. 5c; 3 pkts. 12c; oz. 20c.**

**Mixed Colors.** A mixture of the pink, purple and white varieties. **Pkt. 5c; 3 pkts. 12c. oz. 25c.**

**PERENNIAL, White** (*Sempervirens*).

Hardy Candytuft that will last for years and bloom very early in the spring before other flowers have started. The flowers are larger than the annual kinds, and are very handsome. Very useful for borders and also largely used in cemeteries. Perfectly hardy. **Pkt. 10c.**



White Rocket Candytuft.

## CANTERBURY BELLS.

(*Campanula medium*.)

An old favorite very common in English gardens and now extensively grown in America. The plants grow 2 to 3 ft. high and are covered with pretty bell shaped flowers of various colors. To get good flowering plants the seed should be sown in the spring and the plants set out in the fall where they are to grow and bloom the following summer.

**"CUP AND SAUCER" CANTERBURY BELLS.** The best variety with largest and handsomest flowers. **Mixed colors. Pkt. 10c.**

## CALENDULA

A very charming flower, belonging to the Marigold family and cultivated in the same way.

**Large Double-flowered Meteor.** A beautiful variety, with large, golden-yellow flowers, having each petal striped with orange. The flowers are perfectly double, often three inches in diameter. **Pkt. 5c; 3 pkts. 12c.**

## Chrysanthemums

The annual Chrysanthemums raised from seed are entirely different from the large Japanese varieties grown in green-houses. The annual kinds have small flowers of bright colors and fine dark green foliage. Very easily grown from seed sown in the spring in the open ground.

### WHITE PEARL.

A very handsome annual chrysanthemum with pretty double white flowers, slightly yellow in the center. The plants grow three feet high and are covered with hundreds of flowers during the summer and fall. This is the finest variety we have seen. **Pkt. 5c; 3 pkts. 12c.**



White Pearl Chrysanthemum. (Photograph)

**Dunnett's New Double Yellow.** Medium size double flowers much like the White Pearl, except in color, which is a pleasing shade of yellow. Flowers profusely from summer until late in the fall. **Pkt. 5c; 3 pkts. 12c.**

**Coron, Double White.** Very popular; almost perfectly double and continues in bloom very late in the season. **Pkt. 5c; 3 pkts. 12c.**

## CANNAS

The seed should be sown in a box or pots in February or March, and the plants set out when danger of frost is past.

**Canna Seed.** The handsomest named varieties of Canna can only be grown from bulbs, but some very nice ones can be raised from seed. We offer seed of the large flowering French Cannas, which are by far the finest Cannas grown. Soak the seed in warm water for a few days before planting. **Pkt. 10c; oz. 25.**

**CANNA BULBS.** See Flowering Plants and Bulbs, page 68.

## CARNATIONS

The largest and finest Carnations can only be grown in green houses, but the early flowering kinds described below produce very handsome flowers, and will bloom in the open ground during the late summer and fall if the seed is sown early in the spring in boxes placed in the house window and the plants set out in the open ground when danger of frost is past. These carnations will flower until late in the fall and then may be taken up and will flower for a long time in the house.

**Marguerite.** The earliest flowering variety of Carnation and has large, handsome flowers. The plant is of a robust, upright growth and needs no support. Plants commence to flower early and continue for a long time. Mixed colors. **Pkt. 8c; 3 pkts. 20c.**

**New Giant Marguerite.** A new and improved strain with very large flowers produced on longer stems than the older kind. This is the finest Carnation that can be raised in the open ground. **Pure White, pkt. 10c. Mixed Colors, pkt. 10c; 3 pkts. 25c; ½ oz. 50c.**

**CARNATION PLANTS.** We can furnish plants of the New Giant Marguerite at 40c per doz., postpaid.

## CALLIOPSIS

One of the most charming and attractive of annual flowers, easily grown and producing an abundance of flowers all through the summer and autumn.

**GOLDEN WAVE.** A most attractive and beautiful flower. The plants grow about 15 inches high, and are covered with bright golden yellow cup-shaped flowers with maroon centers. A row or bed of these plants with their long, graceful stems and bright foliage, in contrast with the bright color of the flowers, presents a most pleasing sight. **Pkt. 5c; 3 pkts. 12c.**

**Bicolor.** The plants grow two feet tall, and produce a profusion of bright-colored flowers about an inch in diameter, of every shade of yellow, brown and maroon, on long graceful stems. Very easily raised and will flower all summer. **Pkt. 5c; 3 pkts. 12c.**

## Cobea Scandens

A very rapid-growing climber. From seed planted in the spring the vines will very often grow thirty feet before fall, producing large, bell-shaped flowers, of a deep violet blue color. **Pkt. 10c; 3 pkts. 25c.**

## CENTAUREA

Centaureas form a class of hardy, vigorous-growing annual flowers, of which Bachelor's Button and Sweet Sutton are familiar examples. The variety we offer below is by far the largest and handsomest flower of this class.



New Marguerite Carnation.

**Centaurea Imperialis.** These beautiful flowers often grow two inches in diameter, and have long, graceful stems. The plant is a vigorous grower and blooms for a long time. Seed sown in the open ground in the spring will produce flowering plants in July, and they will continue to flower until fall. A light frost does not injure them. The flowers are pure white, lavender and lavender and white. These Centaureas are certainly a great addition to our hardy annual flowers, and we are sure they will please all who raise them. **Pkt. 5c; 3 pkts. 12c.**

**Centaurea Cyanus.** See Bachelor's Button, page 56.

## COLUMBINE (Aquilegia.)

A hardy perennial, easy of cultivation. The abundance of showy flowers early in the season, and their peculiar formation, render this plant well worthy of a place in every garden. The plants form large clusters, from which their graceful flowers stand on long, slender stems about 1½ to 2 feet high. The plants do not flower the first season from seed, but will flower early the following summer and last for many years.

**Double, Mixed Colors.** The double-flowered kinds are not as large as the single varieties, and in our opinion are not as handsome. **Pkt. 5c; 3 pkts. 12c.**

**COERULEA.** Flowers of the largest size and of a beautiful shade of violet blue, with white centers. One of the very handsomest single varieties. **Pkt. 10c; 3 pkts. 25.**

**NEW LARGE FLOWERING HYBRIDS.** Composed of some beautiful new long-spurred varieties, hybrids of the blue and white coerulea described above, with very large single flowers of various charming colors. **Pkt. 10c; 3 pkts. 25c.**



Centaurea Imperialis.

## COCKSCOMB

Easily grown and very showy and brilliantly colored plants. Sow the seed in the open ground where the plants are to grow.

**THOMPSON'S MAGNIFICENT.** A very handsome new variety that should be better known. The plants grow two to three feet high, and are covered with long graceful plumes of most intense crimson, scarlet and yellow. There is no flower that will produce such a brilliant mass of colors as this. The plants are rapid growers and will flower from July until frost, and present a most attractive bit of color in any garden. We offer two colors separate. **Crimson, pkt. 5c; Golden Yellow, pkt. 5c.**

## COSMOS

One of the most attractive and useful flowers, now becoming very popular. The plants grow three to five feet high, with long graceful stems and fine feathery leaves. The flowers resemble single dahlias, but not quite so large, and are very pretty and attractive for table or house decoration. The plants will endure considerable frost and will flower until late in the fall.

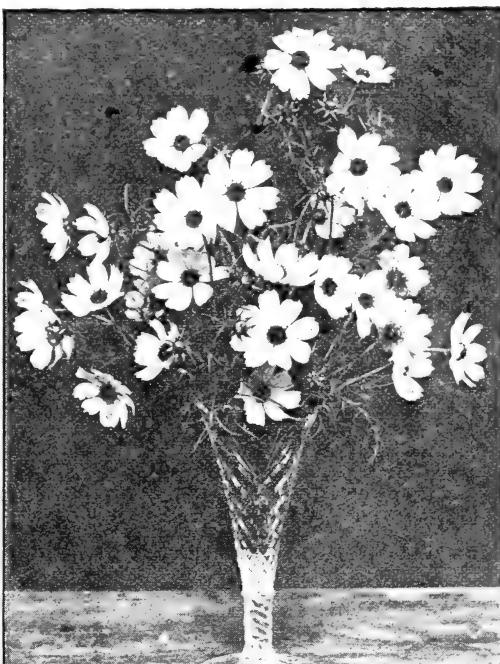
**NEW EARLY FLOWERING COSMOS.** This is an early flowering variety of Cosmos, with flowers as large as those of the old varieties and will flower a month earlier. Seed sown in the open ground in May will produce flowering plants in August, which will continue flowering all through the fall. A very attractive and beautiful flower for cutting or for decorating gardens and lawns.

**White; Pkt. 8c; 3 pkts. 20c.**

**Pink,** very pretty shade of light pink, **pkt. 8c; 3 pkts. 20c.**

**Mixed Colors.** The colors are of various shades of lavender, purple and pink, as well as pure white. **Pkt. 5c; 3 pkts. 12c;  $\frac{1}{4}$  oz. 20.**

**MAMMOTH FLOWERING COSMOS.** The flowers of this improved Cosmos grow very large, often measuring three inches in diameter, and are of the most delicate colors, shading from pure white to deep red and purple. The plants grow from four to five feet high, and the flowers have long, graceful stems, and are most attractive and beautiful. In order to get them to flower early in the fall in this latitude



*Cosmos, Early Flowering. (Photograph)*

the seeds should be sown in pots or boxes in March and the plants set out in the open ground in May. **Pkt. 8c; 3 pkts. 20c.**

## DIANTHUS, or PINKS

Very popular and effective flowers, easily raised and afford a constant supply of bright, handsome flowers during the summer and autumn. If the plants are given some light protection they will live over winter and flower very early in the spring.



*Double Dianthus, Hedgewigi. (Photograph.)*

### DOUBLE VARIETIES OF DIANTHUS.

**Hedgewigi, Double Japan Pink.** Remarkably large and double, and of brilliant colors. The flowers are as large as the finest carnations. The plants flower all through the late summer and fall and produce their gorgeous colored flowers in great profusion. Our strain of these pinks is very fine.

**Mixed Colors, Pkt. 5c; 3 pkts. 12c; oz. 60c.**

**FIREBALL.** A very handsome Double Dianthus of a clear pure brilliant scarlet, with no purple shade. The flowers are large and double, and resemble a fine bright red carnation. They not only make a brilliant show on the plant but they are very handsome as cut flowers. **Pkt. 8c; 3 pkts. 20c.**

**DOUBLE FRINGED (Laciniatus).** This is a beautiful variety of the Double Japan Pinks. The petals of the flowers are fringed at the edges, which produces a very pleasing effect. The flowers are very large and of many beautiful colors. **Pkt. 5c; 3 pkts. 12c.**

**Chinensis, Double Chinese Pink.** Flowers very double and produced in clusters. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

**SINGLE DIANTHUS.** The single flowering Dianthus makes a most brilliant show of color in the garden. They flower continuously through the summer and fall, and a bed or border of them is very attractive. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

**Cyclops Pink.** A hardy, ever-blooming and fragrant Pink, which will stand the winter and flower for a number of years. The flowers are single, semi-double and double, and of delicious fragrance. They are borne in great profusion from May until frost, after the plant is established; and if the seed is sown early in boxes in the house or hotbed, they will flower the first season. The plants grow from 12 to 15 inches high, and are valuable for bedding as well as cutting. The seed we offer is of a new strain, with flowers of deeper and more brilliant colors than formerly produced. **Pkt. 10c; 3 pkts. 25c.**

## DAHLIAS

Dahlias, especially the single varieties, can easily be raised from seed by sowing the seed in a box or pot in February or March, and transplanting into other pots as the plants commence to crowd. Set in the open ground when warm and support with stakes. The plants will flower the first year, and the roots can be saved and will flower much earlier the second year.

**New Single Dahlia.** These are becoming very popular and fashionable flowers. Our seed is a mixture of the finest single varieties with largest flowers and best colors. **Pkt. 5c.; 3 pkts. 12c.**

**Double Dahlias.** Seed saved from the largest and finest Double Dahlias, and will produce a high percentage of fine double flowers. **Pkt. 10c.; 3 pkts. 25c.**

## DELPHINIUM, or Hardy Larkspur.

Very ornamental plants, producing long spikes of brilliant flowers. Easily raised by sowing the seed in the open ground either in the spring or August and thinning the plants so that they stand two feet apart. Seed sown early in the spring will sometimes produce plants that flower in the fall. The plants are hardy and will last for years, flowering early in the summer and all through the fall.

**Semi-Dwarf Hybrids.** The spikes of flowers are often two feet long, and the flowers are of beautiful shades of blue, ranging from light blue to the deepest indigo. The plants do not grow quite as tall as the old kinds and have longer spikes of flowers. **Pkt. 8c.; 3 pkts. 20c.**

**Annual Varieties.**—See Larkspur page 61.

### African "Golden-Orange" Daisy.

(*Dimorphotheca Aurantiaca*.)

A hardy annual flower recently discovered in Africa. It is easily grown from seed sown in the open ground and the flowers are quite unique. They resemble a field daisy in shape, but are of a brighter orange yellow and have longer and narrower petals. The plants grow about a foot high and flower continuously during the late summer. **Pkt. 10c.**

## SHASTA DAISY

This new Daisy originated in California and has met with great popularity. Flowers are like the wild Marguerites but very much larger, often measuring four inches across, and are produced well above the plant on long graceful stems 1 to 2 feet in length, making very handsome flowers for vases and decorations.

If the seed is sown in the open ground in the spring good large plants will be obtained for flowering the following year.

**Alaska.** A much improved variety of Shasta Daisy with very long overlapping petals of the purest white. Well grown flowers are often 5 inches across. **Pkt. 10c.; 3 pkts. 25c.**

## ESCHSCHOLTZIA, or California Poppy.

A very ornamental trailing plant with silvery leaves and large bright colored, saucer-shaped flowers. The plants spread over the ground two feet or more and their flowers stand above the leaves in great profusion. Very easily raised and will bloom from July to October.

**Golden West.** Large bright yellow flowers. The flowers are larger and handsomer than the old yellow variety. **Pkt. 5c.; 3 pkts. 12c.**

**CARMINE KING.** The most beautifully colored variety. The large flowers are of a charming shade of carmine or rose color on both sides of the petals. This is a new kind that will please all who raise it. **Pkt. 8c.; 3 pkts. 20c.**

### Everlastings. (*Helichrysum Monstrorum*.)

These annual Everlastings are easily grown and bloom profusely in September and October. If the flowers are picked when they are but half open they will last for a year or more. The seed is sown in the open ground in the spring.

**Mixed Colors.** A collection of the handsomest colors, from pure white to deep red. Flowers large and double. **Pkt. 5c.; 3 pkts. 12c.**

## FOXGLOVE. (*Digitalis*.)

A hardy perennial, very easily grown and the spikes of flowers are stately and beautiful. Sow the seed in the spring and thin out to a foot or more apart. Foxglove is especially handsome when planted along a wall or fence or as a background for other flowers. The plants will last for years without any protection.

**GLOXINIOIDES.** The handsomest variety, with very large gloxinia-like flowers. We offer this variety in both pure white and mixed colors.

**White.** The most pleasing color; the large white flowers stand out in marked contrast to the green foliage. **Pkt. 8c.; 3 pkts. 15c.**

**Mixed Colors.** All the best colors, mixed. **Pkt. 5c.; 3 pkts. 12c.**

## FORGET-ME-NOT. (*Myosotis*.)

A half hardy perennial easily grown from seed. It does best in a moist, partly shaded situation. It flowers the first season, and will live over winter if given a covering of leaves or other light protection, and will last for a number of years.

**Palustris.** The true Forget-Me-Not. Charming blue flowers with white centers. **Pkt. 5c.; 3 pkts. 12c.**

**ROYAL BLUE.** A beautiful new variety of Alpine Forget-Me-Not with very large flower of a deep blue—a richer color than other varieties. A fine variety for pot culture as well as for the open ground. **Pkt. 8c.; 3 pkts. 20c.**

**Sylvatica.** Grows taller than the ordinary variety. The flowers are large, light blue, with yellow eyes. Does not flower the first season grown from seed. **Pkt. 5c.; 3 pkts. 12c.**

## GAILLARDIAS.

The Gaillardias are not only strikingly beautiful, but are very easily cultivated. They are of two distinct types. The **single** varieties are perennials, and do not reach perfection until the second year, when they are very handsome. The flowers measure from two to three inches in diameter, and are of very brilliant colors. The plants grow low and spreading, and the flowers are borne on long stems. The **double** variety is an annual, and flowers the first season only. It is a very showy, brilliant-colored flower, and blooms profusely all through the late summer and autumn. The seed can be sown in the open ground, and the plants should be thinned from eight to ten inches apart.

**Single Gaillardias.** Very large and showy red flowers bordered with deep yellow. **Pkt. 5c.; 3 pkts. 12c.**

**Double Gaillardias.** Entirely different from the single varieties. The flowers are smaller and they bloom two months after sowing the seed. **Pkt. 5c.; 3 pkts. 12c.**

## GOURDS.

Cultivation similar to squash. The vines can be allowed to run on the ground, but gourds are usually planted where the vines can run over a fence, arbor, or old tree. They are excellent climbers, and the fruit has such a variety of forms and colors that a collection of gourds is exceedingly interesting.

**Dipper Gourds.** The fruit at one end is long and slim and bulges at the other end so it can be used for dippers. **Pkt. 5c.; oz. 15c.**

**Japanese Nest Egg.** Fruit white and resembling an egg in size and shape. Does not crack and is not injured by ordinary heat and cold. A vigorous grower and a decidedly ornamental climber. **Pkt. 5c.; oz. 15c.**

**MIXED SMALL SORTS.** A mixture of a large number of small ornamental sorts imported from Germany. **Pkt. 5c.; oz. 15c.**

## HELIOTROPE.

This deliciously fragrant flower can be easily raised by sowing the seed in a box in the house in March, and setting the plants out in the garden in May, and they will flower in July and August. In the fall the plants can be taken up, and will flower in the house during the winter.

**Large-Flowering (Lemoine's Giant).** Blooms early and the flowers are of the largest size, nearly double the size of the common variety. The colors range from pure white to deep blue. **Pkt. 10c.**

## HOLLYHOCKS

The seed is often sown in July or August, and the plants will then flower early in the following year. They are perfectly hardy.

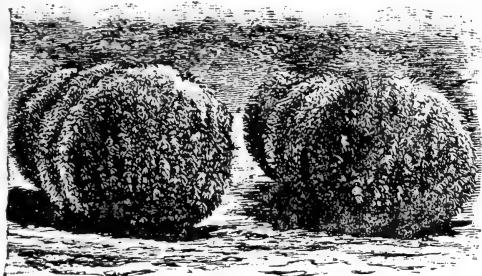
**CHATER'S SUPERB HOLLYHOCKS.** A magnificent strain of Hollyhocks. The flowers are of the largest size, perfectly double, and grow close together on the stem, forming a mass of the most beautiful flowers, equal to camellias. These are undoubtedly the finest double Hollyhocks grown. **Pkt. 8c.; 3 pkts. 20c.**

**New Annual Hollyhocks.** Bloom in August from seed sown in the spring.

The seed of these new Hollyhocks may be sown in the spring (May) and the plants will bloom in August, or if earlier flowers are desired, the seed may be started in the house in March, and the plants set out where they are to grow when the weather is warm. The flowers are semi-double and single, and are of very attractive colors. **Pkt. 10c.; 3 pkts. 25c.**

**Hollyhock Plants.** See plant department at back of this catalogue.

## KOCHIA, or Summer Cypress



**Kochia, or Summer Cypress.**

A very ornamental plant which forms round bushes  $1\frac{1}{2}$  to 2 feet high, with feathery light green leaves, changing in the fall to bright red so that the whole plant looks like a ball of fire. These little bushes are very pretty at all stages of growth and are especially attractive in the fall. Very easily grown from seed sown in the open ground in the spring. Thin the plants so they stand two feet apart.

**Kochia Trichophylla.** The best variety. Pkt. 5c.; 3 pkts. 12c.

## LARKSPUR

The annual Larkspurs are very handsome plants producing long spikes of flowers often over a foot in length, which stand erect above the leaves of the plant. Easily raised by sowing the seed in the open ground as early as possible in the spring. Earlier flowers can be obtained by sowing the seed in boxes in March and setting out the plants in May.

**Tall Branching.** The plant grows 2 feet tall and produces long spikes of double flowers of many shades of color, including light and dark blue, pink and red. Pkt. 5c;  $\frac{1}{2}$  oz. 20c.

**STOCK-FLOWERED, "Rosy Scarlet."** A new and beautiful variety with large double flowers of a very pleasing shade of light scarlet shaded with rose color. This is by far the handsomest Larkspur we have seen. Pkt. 8c; 3 pkts. 20c.

**Perennial Larkspur.** See Delphinium page 60.

## MORNING GLORY.

Morning Glories make a very rapid growth and produce vines 10 to 15 feet high during the summer from seed sown in the spring.

**MIXED COLORS.** Very hardy and vigorous vine growing with great rapidity and covered with large, handsome flowers of many colors and markings. May be used to cover fences, walls or outbuildings. Pkt. 5c; ounce 12c.

**NEW JAPANESE.** The Japanese have made wonderful improvements in the Morning Glory. The new Japanese varieties are of large size and the colors and markings are of remarkable beauty. The foliage is also very ornamental, being variegated, striped and marked with different shades of green and white. The vines are not of as vigorous growth as the common Morning Glory, and require extra care. Our seed is of a very fine strain, comprising many plants with variegated leaves and flowers of the largest size and most attractive colors. Pkt. 5c; oz. 25c.

**ROCHESTER.** This is a beautiful variety with very large deep blue flowers, bordered with white on the edges. The vines grow with remarkable vigor and the leaves are of immense size and cover the whole plant from the ground up. A most ornamental plant. Pkt. 5c; 3 pkts. 12c; oz. 30c.

## MOURNING BRIDE. (Scabiosa.)

A vigorous growing flower easily raised and produces a great many flowers from August until late fall. The plants grow  $2\frac{1}{2}$  feet high and the flowers are 3 in. across, double and of many different shade of color. The seed may be sown in the open ground in May and the plants will flower in August.

**Improved Large Flowered.** The best variety with large double flowers on long stiff stems, very showy in the garden and fine for cutting, mixed colors. Pkt. 5c; 3 pkts. 12c;  $\frac{1}{2}$  oz. 25c.

## MARIGOLDS

Marigolds are very easily grown, and are among our most satisfactory annual flowers.

There are two distinct varieties of Marigolds. The French or dwarf varieties grow only about a foot high, and have small bright colored flowers, while the African Marigolds has much larger flowers and grow two to three feet tall.

**Gold Striped.** A double French dwarf variety. Plants grow one foot high, and are covered with bright colored double flowers in the greatest profusion. The petals are a beautiful red brown, margined with bright yellow, producing a very pleasing effect. Pkt. 5c.; 3 pkts. 12c.

**Double French Dwarf.** Plants grow about one foot high. Flowers orange, brown and yellow, mixed. Pkt. 5c.; 3 pkts. 12c.



**Double African Quilled Marigold.**

**Double African Quilled.** Plants grow from two to three feet high. Flowers very large, measuring from three to four inches in diameter, perfectly doubled and with quilled petals. We offer two distinct colors, light yellow and orange, mixed. Pkt. 5c.; 3 pkts. 12c.

## MIGNONETTE.

**ALLEN'S DEFIANCE.** This improved variety has magnificent long spikes of flowers which under favorable circumstances sometimes grow over a foot long, and will last a long time after cutting. Pkt. 5c;  $\frac{1}{4}$  oz. 15c; oz. 50c.

**MACHET.** The plants are of a dwarf habit and produce an abundance of very large spikes of flowers, being three times as large as the common kind, and continue in flower much longer. We highly recommend it for house or outdoor culture. The flowers are of a red tinge and the fragrance is delicious. Pkt. 5c;  $\frac{1}{4}$  oz. 15c; oz. 50c.

**Goliath.** A new variety with immense spikes of flowers and very luxuriant foliage. The florets are unusually large and clustered thickly along the stem and are of a bright red color, which gives the flower spikes a most pleasing and brilliant appearance. The fragrance is powerful and delicious. Undoubtedly one of the very best varieties for house culture or open ground. Pkt. 10c; 3 pkts. 25c;  $\frac{1}{2}$  oz. \$1.00.

**Golden Queen.** Flowers of a golden yellow hue, large and compact. Pkt. 5c; 3 pkts. 12c.

**Sweet Mignonette.** Very fragrant, largely grown for bees. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c.

## NICOTIANA

This is a handsome annual flower, easily raised from seed sown in the open ground. Plants grow about two feet high and flower from August until frost.

**Affinis.** Long trumpet-shaped white flowers with a delicate and delicious fragrance. Pkt. 5c.

**SANDERAE.** A new variety, with bright carmine red flowers. The plant grows two feet tall and of a bushy form, completely covered with large, bright red flowers, being much more prolific of bloom than the old variety. Every one should raise a few plants of this charming new flower. Pkt. 10c.

**SANDERAE HYBRIDS.** These new hybrids of Nicotiana Sanderae have flowers of various colors, ranging from light pink to purple and bright red. Pkt. 10c.

## NASTURTIUMS

There is no flower more easily raised than Nasturtiums, and they are so graceful and of such beautiful colors that they are more largely grown than almost any other annual flower. They are beautiful in beds and borders, and are also largely grown in hanging baskets and boxes outside of windows and on balconies, and for training on trellises. Seed should be sown about the middle of May in this latitude.

**LOBB'S IMPROVED NASTURTIUMS.** The vines do not grow as long and rank as the common tall Nasturtiums, which often entirely hide the flowers, but are covered with a mass of the most brilliant colored flowers of very graceful form. A row or bed of these Nasturtiums is unsurpassed for beauty and attractiveness, and will be found a constant source of pleasure. They are among the finest Nasturtiums for growing in boxes or baskets, as well as for outdoor culture. Our seed includes the finest varieties ranging in colors from very dark red to the lightest yellow. **Pkt. 5c; oz. 12c; 1/4 lb. 30c; Ib. \$1.10.**

**MADAM GUNTER'S HYBRIDS.** These are new and charming varieties of Lobb's Nasturtiums, which were selected especially for the beauty and variety of their coloring and size of the flowers. The colors are more varied and more attractive than those of any other Nasturtiums, and the flowers are of largest size. The foliage is also colored in many instances, which adds to their charm in no small degree. **Pkt. 5c; oz. 12c; 1/4 lb. 35c; Ib. \$1.20.**

**Tall Nasturtiums.** Very vigorous vines, growing 10 to 15 feet long if given support on which to climb; flowers of the largest size and beautiful colors. **Pkt. 5c; oz. 12c; 1/4 lb. 25c; Ib. 90c.**

**Selected Named Varieties of Tall Nasturtiums.** We offer some new kinds that we have found to be very fine. They have much larger flowers than the old type.

**Brilliant.** Glowing scarlet flowers and dark leaved vines. Very handsome. **Pkt. 5c; oz. 15c.**

**Chameleon.** Flowers of the largest size and beautifully marked and colored with various shades of red and yellow combined in the most attractive way. Flowers marked in two or three different ways will often be found on the same plant. **Pkt. 5c; oz. 15c; 1/4 lb. 35c.**

**Midnight.** Flowers of a deep rich red brown—the darkest red of all Nasturtiums. The large size of the flowers and their rich colorings make them most desirable and attractive. **Pkt. 5c; oz. 15c; 1/4 lb. 35c.**

**Rudolph Virchou.** A very handsome rose pink of a bright and rich hue. It is much the finest pink variety we have seen, and should be in every collection. **Pkt. 5c; oz. 12c; 1/4 lb. 30c.**

**Spitfire.** Brilliant scarlet flowers. Very bright and pleasing. **Pkt. 5c; oz. 15c.**

**SPECIAL OFFER.** We will send one packet each of the above five named varieties of Nasturtiums for 20 cents net, or one ounce of each for 50 cents.

**New Variegated-Leaved tall Nasturtiums.** A new race of Nasturtium with leaves striped and marbled with white and light green on a deep green ground, which gives the vines a very ornamental effect even without the brilliant colored flowers which of course add greatly to their beauty.

The flowers are large and of many bright and pleasing colors, ranging from light yellow and pink to deep red and gold. The seed we offer includes all the best varieties in this class. **Pkt. 8c; oz. 18c; 1/4 lb. 50c.**



Lobb's Nasturtiums.

## DWARF OR "TOM THUMB" NASTURTIUMS

These varieties grow only about a foot high and have flowers nearly as large as the tall growing kinds.

**QUEEN OF TOM THUMBS.** A new variety with ornamental foliage, the leaves being mottled and veined with white. The flowers are of various shades of yellow and scarlet. Very useful for borders as the plants are quite ornamental even when not in flower. **Pkt. 5c; oz. 15c.**

**MIXED COLORS.** A mixture of the best colors in the Dwarf class with green foliage. The colors are of every shade of yellow, red and pink and the plants are very ornamental. **Pkt. 5c; oz. 15c; 1/4 lb. 35c.**



Single Fringed Petunias.

## PETUNIAS.

Petunias are particularly useful for beds and masses, where their bright, rich and varied colorings produce a brilliant effect on lawns and in gardens.

**Ruffled Giants.** These new Petunias have enormous single flowers, beautifully ruffled on the edges. The colors are of many delicate shades. The plants are of robust habit and vigorous growth. **Pkt. 15c; 2 pkts. 25c.**

**Single Fringed.** These are among the most charming single flowering Petunias. The flowers are of the largest size beautifully ruffed and fringed around the edges and are of the most delicate and charming colors. **Pkt. 20c.**

**Double Flowering Fringed.** The largest and finest of all Petunias, but very difficult to raise. The flowers are very large and beautifully fringed. Less than half of the flowers are double, the rest being single. The seed is very small and difficult to germinate, and as it is very expensive great care should be taken not to cover it too deeply or let it dry out. **Packet containing not less than 75 seeds, 25c.**

NOTE.—The above kinds should be sown in pots or boxes and the young plants transplanted as soon as large enough.

**Single, Mixed Colors.** A mixture of the most brilliant colored, small-flowering single Petunias. Well suited for sowing in the open ground for beds and borders. **Pkt. 5c; 3 pkts. 12c.**

## PORTULACA.

**Double Rose-Flowered.** The finest of all Portulacas. The flowers are double and resemble a perfect rose. Our seed is the very finest obtainable, and will produce a large percentage of beautiful double flowers of many charming colors. **Pkt. 10c; 3 pkts. 25c.**

**Single, Mixed Colors.** A mixture of the largest and most brilliantly colored single varieties. **Pkt. 5c; 3 pkts. 12c.**

# PANSIES.

Seed sown in February or March in boxes in the house will produce fine flowers in the summer and all through the fall. If flowers are desired early in the spring seed should be sown in August and the plants wintered in cold frames, but such plants do not stand summer heat well. Seed sown in the open ground in the spring will produce flowering plants in August and September, and these plants may be wintered over with a slight protection of leaves for early flowers the next spring. For Pansy Plants see page .

## Masterpiece or Giant Ruffled Pansies.

A new strain of Giant blotched pansies with waved or ruffled petals, which give the flowers an unusual and handsome appearance. The flowers are of the largest size and beautiful colors, and the frilled or ruffled petals add greatly to their beauty. The plant is of strong growth and stands well in hot weather. **Pkt. 15c; 2 pkts. 25c;  $\frac{1}{4}$  oz. \$1.25.**

**MASTERPIECE EXHIBITION.** This strain is made up by selecting the handsomest colored and largest and most perfectly formed flowers of the Giant Ruffled type. Those who want to raise the very finest Ruffed Pansies that can be obtained should certainly use the "Exhibition" strain. **Pkt. 20c; 3 pkts. 50c.**

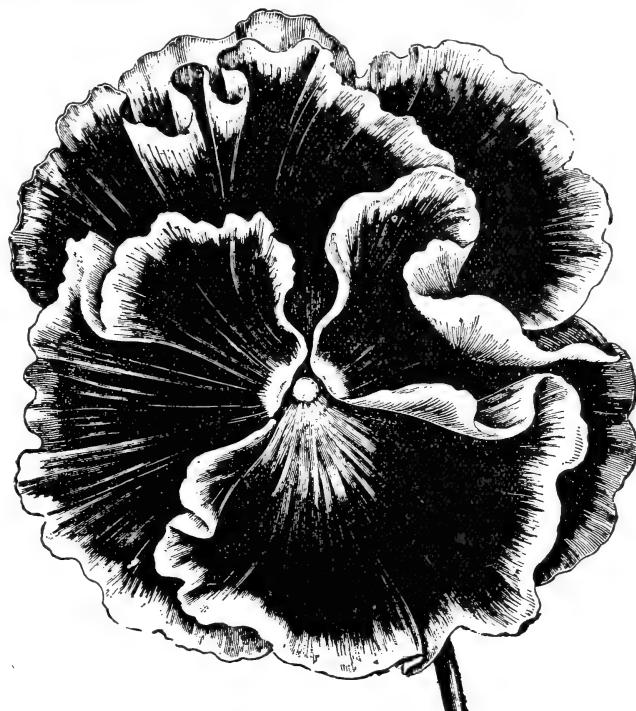
**Bugnot's Superb Pansies.** This strain comprises a great variety of the richest and rarest colors and most beautifully marked pansies, which are so much admired by all lovers of this flower. The flowers are large and all five petals are blotched with deeper color than on the edges and many flowers are veined and marked in a beautiful and interesting way. **Pkt. 15c; 2 pkts. 25c;  $\frac{1}{4}$  oz. 85c.**

**BUGNOT'S BROWN VARIETIES.** This mixture is composed exclusively of the brown shades of Bugnot's Superb Pansies, which are always so much desired. They are very handsome pansies and the colors are quite novel. **Pkt. 10c.**

**Trimardeau or Giant Pansies.** These are among the largest pansies grown. The flowers are of good colors and of good form and the plants make a vigorous growth and flower continuously. A very satisfactory variety. **Pkt. 10c; 3 pkts. 25c;  $\frac{1}{4}$  oz. 60c; oz. \$2.00.**

**STRIPED AND MOTTLED PANSIES.** This class comprises some of the most interesting and attractive pansies, the flowers being striped and marked with a great variety of colors, making them very interesting and beautiful. **Pkt. 10c; 3 pkts. 25c;  $\frac{1}{4}$  oz. 35c.**

We will send one packet each of Bugnot's, Trimardeau and Striped and Mottled Pansies for 25c net.



Masterpiece or Ruffled Pansy.

**A Mixture of Magnificent Pansies.** Among the largest, and most beautiful strains of Pansies are Bugnot's Superb, Odier or Giant Stained, and Cassier's Giant Blotched Pansies. These three embrace all the rarest and most attractive colors and markings yet attained in pansies. We offer a mixture of these three superb strains, which will be found very fine. **Pkt. 15c; 2 pkts. 25c;  $\frac{1}{4}$  oz. \$1.25.**

**Fairy Queen.** A beautiful sky blue pansy edged with pure white. A most charming variety and one that flowers most profusely. Everyone should have at least a few plants of this variety, as the color is an unusually handsome shade of violet blue. **Pkt. 10c.**

**Snowflake.** A snow white pansy with flowers of the largest size and handsomest form. The finest white pansy we have seen. **Pkt. 10c.**

**Orchid-Flowered Pansies.** A very unique and beautiful class of Pansies distinguished particularly for their delicate and beautiful coloring and peculiar form. The flowers are of medium size and of distinct shape, the two upper petals being elongated and stand upright, and they are beautifully veined with darker shades on light ground colors. All lovers of pansies should try this new class. **Pkt. 15c; 2 pkts. 25c.**

**SPECIAL OFFER.** We will send one packet each of **Bugnot's Superb, Masterpiece and Fairy Queen Pansies for 30c; net, or these three and also one packet Orchid Flowered for 40c. net.**

**GOLDEN YELLOW PANSY.** This is a beautiful pure yellow pansy, of large size and very handsome. Everyone should have a few plants of this variety. **Pkt. 10c.**

**Mixed Colors.** A good mixture of nice Pansies. **Pkt. 5c; 3 pkts. 12c;  $\frac{1}{4}$  oz. 60c.**

## PHLOX DRUMMONDI.

Phlox make a magnificent show in beds and masses where their brilliant and varied colors produce a gorgeous effect. Very easily raised and afford a bright display of flowers all through the summer. Sow seed in the open ground in the spring. A light soil is best. All three kinds named below are of the improved "Grandiflora," or large-flowering strain, which produce much larger flowers than the old kind,

**Brilliant Scarlet.** Flowers large and of an intensely brilliant scarlet color. **Pkt. 5c.**

**Pure White.** Large, clear white flowers. **Pkt. 5c; 3 pkts. 12c.**

**Mixed Colors.** A great variety of the most brilliant colored and beautiful marked flowers. A bed or border of these Phlox is a beautiful sight. **Pkt. 5c; 3 pkts. 12c;  $\frac{1}{4}$  oz. 25c; oz. 75c.**

# SWEET PEAS

Sweet Peas are very easy to raise and every one should have them in the garden. The principal thing is to sow the seed early—just as soon as the frost is out of the ground. They do well in almost any soil if it is made rich with manure, but the finest flowers are obtained on rather heavy moist land.

**Quantity of Seed required.** An ounce of seed will sow about ten feet of row. A pound of sweet peas is about a pint, and will sow 150 feet of row.

**THE BEST VARIETIES.** There are hundreds of varieties of sweet peas. Many new kinds are introduced each year, but only a few of them prove to be of real value. We have tried to separate the best from the inferior varieties, and those we offer below are what we consider the best of both the new and older kinds. It is not a long list, but it is the *cream* of the existing varieties.

**THE "SPENCER" TYPE OF FLOWER.** What is known as the "Spencer" type derives its name from a variety called "Countess Spencer," which has flowers of **very large size and waved or fluted petals.** Other colors and forms of this type of flower have since been developed, and are called "Spencer" varieties. They are the largest and handsomest sweet peas now grown, but they do not always come true, many of the varieties varying so much that they are undesirable on this account. The ones we offer below come quite true to type and will be found very satisfactory.

## NEW LARGE FLOWERING "SPENCER" VARIETIES.

**Marie Corelli.** One of the most beautiful of the new varieties. The color is a *bright and glowing crimson*. The handsomest flower of this color yet produced. The flowers are of large size and beautifully waved in the upper petals. The vines grow vigorously and produce a great many flowers, often four on a stem. **Pkt. 10c; oz. 35c; 1/4 lb. \$1.00.**

**Apple Blossom Spencer.** White background strongly marked, and edged with deep pink. The flowers are large and well fluted on the edges. One of the handsomest of the new varieties. **Pkt. 10c; oz. 20c; 1/4 lb. 50c.**

**Asta Ohn.** A new *lavender* variety with the *largest and best formed flowers* yet obtained in this color. The flowers are of the true Spencer type, large and with waved and fluted petals. The color is a soft pinkish lavender, a charming shade of color. The flowers are produced on *long stems*, and each stem carries four flowers, almost uniformly. Unquestionably the best lavender sweet peas yet produced. **Pkt. 10c; oz. 30c; 1/4 lb. 75c.**

**Countess Spencer.** Color a *delicate pink*, flowers large, of fine form and beautifully waved. This is the original of the "Spencer" class. **Pkt. 10c; oz. 20c; 1/4 lb. 50c.**

**Geo. Herbert.** A bright rose color or carmine. Flowers of large size and beautifully waved. One of the very finest of the red varieties. **Pkt. 10c; oz. 25c; 1/4 lb. 75c.**

**King Edward Spencer.** The King Edward has been long considered the best *bright red* sweet pea. This new "Spencer" variety is of almost the same brilliant scarlet color and in addition is *much larger* and has beautifully waved petals. It is truly a magnificent variety that all should raise. **Pkt. 10c; oz. 35c; 1/4 lb. 75c.**

**Lovely Spencer.** Color soft rose pink, shading to nearly white at the edges. The flowers are *very large* and beautifully waved at the edge. One of the finest new varieties. **Pkt. 10c; oz. 30c.**

**White Spencer.** Described by a well-known authority as "*the finest white sweet peas in existence at the present time.*" The large flowers are of the true "Spencer" form and have waved petals. Our seed is of a *carefully selected strain*. **Pkt. 10c; oz. 25c; 1/4 lb. 70c.**

**St. George.** Color is described as "*brilliant orange scarlet.*" It is much the same color as "Gorgeous," but richer and more brilliant, and the flowers are much larger and have waved petals. A very beautiful variety. **Pkt. 8c; oz. 20c; 1/4 lb. 40c.**

**Nora Unwin.** One of the very largest and handsomest *white* sweet peas. A better grower and bloomer than White Spencer and the flowers are almost as large, and have waved edges. **Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c; postpaid**

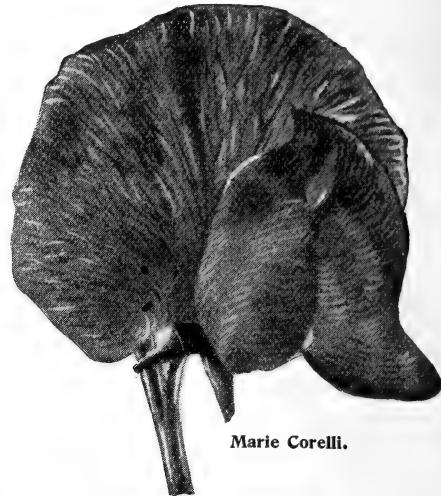
**Florence Morse Spencer.** Color delicate *shell pink* with deeper pink margin. Very large open flowers of the true finest light pink sweet pea yet produced. **Pkt. 10c; oz. 30c; 1/4 lb. 75c.**

**Helen Lewis.** Color, *deep orange pink*, a beautiful shade. One of the very handsomest of the new large flowering kinds. The flowers are not only of the most attractive color, but they are very large and of the best expanded form. **Pkt. 8c; oz. 20c; 1/4 lb. 45c; lb. \$1.60.**

## SPECIAL OFFER FOR ABOVE NEW VARIETIES.

We will send one packet each of above 12 new varieties of Sweet Peas for **65c. net.** Or we will send **one ounce** of each of eight varieties (omitting Lovely Spencer, Florence Morse Spencer and White Spencer, King Edward Spencer,) amounting at the regular prices to **\$1.80**, for **\$1.25**, postpaid. No discount or "premium" will be allowed on this special price.

**"Spencer" Varieties Mixed.** We have a mixture composed of the best new "Spencer" or large flowering waved varieties of sweet peas, including the varieties described above, and others as well of which we have not enough seed to offer separate. This mixture is composed of only the *very best new Spencer varieties*, and must not be confused with ordinary "mixed" sweet peas. **Pkt. 8c; oz. 15c; 1/4 lb. 35c; lb. \$1.25; postpaid.** By express, **\$1.15 per lb.**



Marie Corelli.



Apple Blossom Spencer.

**PRICE** of the following choice varieties: Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 55c, postpaid. By express, 45c per lb. See special offer below.

**HENRY ECKFORD.** A magnificent large flower of a very attractive color—scarlet with an orange shade, a most brilliant and beautiful flower. In addition to this the flowers are of the largest size and most beautiful form, and are produced on long stems, so that they are very effective when bunched.

**FLORA NORTON.** A new light blue or lavender variety that surpasses any other of its color for the clearness and richness of the shade. The flowers are large and of handsome form, and the color is very attractive, especially when massed by itself. Commences to flower very early.

**JANET SCOTT.** Color a soft rich pink. One of the most attractive and beautiful varieties, flowers of large size, hooded form and produce three and four on a stem.

**MARCHIONESS OF CHOLMONDELEY.** The color is salmon pink and buff. Flowers of the hooded form and of large size. A very attractive kind.

**DOROTHY ECKFORD.** A magnificent pure white flower of the largest size and of great substance. It is considered the very best white (outside of the Spencer varieties) yet produced. It is of vigorous growth and produces three flowers on a stem.

**LADY NINA BALFOUR.** One of the best lavender or mauve sweet peas. The color is soft and beautiful, and the flowers are especially effective when massed by themselves.

**"BRILLIANT BLUE,"** (Lord Nelson.) A deep purplish blue like "Navy Blue," but deeper and a better shade, so we have dropped that kind. This is the same as Lord Nelson.

**MRS. DUGDALE.** The flowers are of the largest size and the color is a soft Carmine Rose—a beautiful shade. The flowers hold their color well, and are very handsome when bunched together.

**KING EDWARD VII.** Magnificent large flowers of an intensely bright crimson. One of the finest pure bright red varieties.

**LADY MARY CURRIE.** The upper portion is salmon pink, delicately veined, while the lower portion is a soft rose pink, lined with deeper shades. The flowers are of large size and good form. One of the finest pink varieties.

**PRINCE OF WALES.** Bright rose-colored flowers of large size and handsome form, growing three and four on a stem. The largest and finest variety of this shade of red.

**Extra Early Blanche Ferry.** Pink and white. This new extra early strain flowers a week or ten days earlier than the old Blanche Ferry, which is the best pink and white variety.

**NAMED VARIETIES MIXED.** This mixture is composed of the choicest and best named varieties as described above. The different colors are put in such proportion as to produce the best effect when in flower. We are sure this seed will give the best of satisfaction to all who sow it. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 45c. By express, lb. 35c; 2 lbs. 60c.

**MIXED COLORS.** (Eckford's Varieties Mixed.) This mixture is composed of a large number of the best of the standard varieties of large-flowering sweet peas. Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 15c; lb. 40c. By express, lb. 30c; 2 lbs. 50c.

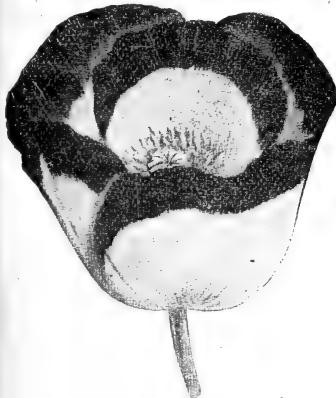
**Dwarf or Cupid.** The plants grow only six or eight inches high and produce flowers nearly as large as the tall growing kinds. They are very pretty and ornamental plants. We offer a mixture of many new and beautiful varieties of Cupid or of Dwarf Sweet Peas. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c, postpaid.

**SPECIAL OFFER.** We will send one packet each of any SIX of the above named varieties of Sweet varieties for 30c; or the whole twelve for 40c. One ounce each of any FIVE varieties for 30c; or one ounce of the whole twelve varieties named on this page for 65c. No discount or premium will be allowed on these special prices.

An ounce of each of the twelve varieties will make a remarkably beautiful collection of Sweet Peas, with enough of each to keep the different colors separate or to combine them in the most effective way.

## POPPIES.

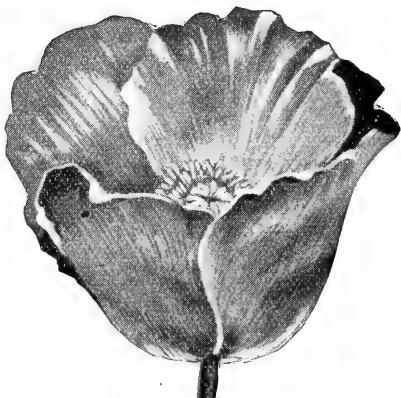
Poppies are so easily grown and present so gorgeous a display of beautiful colors and graceful flowers that everyone should have them in abundance. The flowers are much handsomer if the seed is sown in August or September, and the plants allowed to stand over winter. They will then flower early in the summer.



New Admiral Poppy.

**King Edward.** A very showy new poppy of large size and brilliant scarlet color shaded with crimson and with black at the base of each petal in contrast to which stand out the bright yellow anthers in the center of the flower. The plants grow  $2\frac{1}{2}$  ft. high and flower profusely. Pkt. 10c; 3 pkts. 25c.

**New Admiral Poppy.** A new variety that is very handsome. The flowers are large and are produced on stems nearly two feet long. The color combination is clear white, edged with a broad band of brilliant scarlet around the edge. This is one of the most showy and attractive poppies we have ever seen. Pkt. 5c; 3 Pkts. 12c.



King Edward Poppy.

**DOUBLE RANUNCULUS FLOWERED.** Very handsome double flowers growing on long slender stems. They are of bright, attractive colors, and produce a charming effect where grown in clumps or masses. Pkt. 5c; 3 pkts. 12c.

**CARDINAL POPPY.** New Hybrids. Very large double poppies as round as a ball and of various shades of color. The plants are of dwarf or compact growth and produce their large ball-like flowers in great profusion, and continue to flower an unusually long time. Pkt. 5c; 3 pkts. 12c.

**Double Carnation.** Immense globular flowers borne on long stems. The flowers are so double that they are as round as a ball and are of many striking colors. Pkt. 5c; 3 pkts. 12c.

**TULIP POPPY.** The flowers much resemble a bright scarlet tulip, and are very unique and attractive. The flowers are produced on long slender stems and protrude well above the foliage. A bed or mass of these Poppies presents a most glorious blaze of color and will be an ornament to any garden. Pkt. 5c; 3 Pkts. 12c.

**Shirley Poppies.** These are the most delicately colored and graceful of all Poppies. The flowers are single and semi-double, and are produced on long, slender stems; but their great beauty lies in the exquisite coloring of the flowers which are of many delicate shades of pink and rose color, often shading in a single flower from pure white to deep rose. Mixed colors. Pkt. 5c; 3 Pkts. 12c.

**Iceland Poppies.** (*Perennial.*) The Iceland Poppies differ from other varieties in being hardy perennials and yet flowering the first year from seed sown in the spring. After once started they will last for a number of years and flower constantly from June until October. The flowers are single and of beautiful colors, shading from deep yellow and scarlet to white. They stand in bold relief above the low growing plants on long graceful stems and have a delicate fragrance. Mixed colors. **Pkt. 10c; 3 pkts. 25c.**

**Orienteale.** This is another hardy perennial Poppy that will stand our winters without protection and flower most profusely early in the summer. The flowers are very large often 8 to 8 inches across, bright scarlet with dark spots in the center, and are borne on long stems 3 or 4 feet above the ground. A bed or border of these Poppies makes a most brilliant show. The plants are perfectly hardy and will last for many years. **Scarlet, Pkt. 10c; 3 pkts. 25c.**

**Orienteale Hybrids.** These new hybrids are of various shades of red not before obtained in this class, and are very handsome. **Pkt. 10c.**

## STOCKS.

Stocks can be grown in the open ground or in pots, and are of the easiest culture, requiring the same treatment as Asters.

**Large Flowering Dwarf.** Plants grow about a foot high and the flowers are of the largest size and perfectly double and of delicate fragrance. Blooms early in the summer if sown in the open ground in May. **Pkt. 10c; 3 pkts. 25c;  $\frac{1}{4}$  oz. 75c.**

**English Stock.** Flowers mostly double and plant is of dwarf, compact growth. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

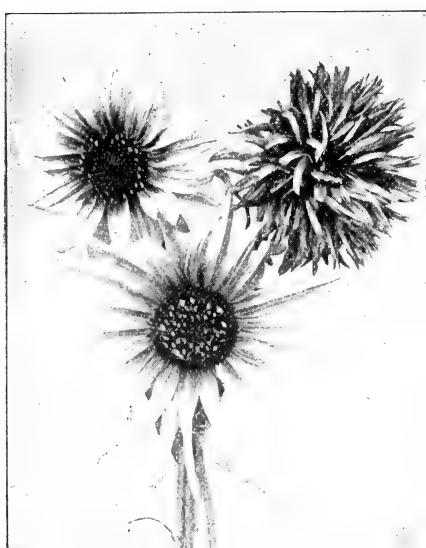
**Beauty of Nice.** This is a new and very beautiful stock growing two feet tall and having very large double flowers of a delicate shade of pink. The tall branching plants are covered with long sprays of these beautiful flowers, and are extremely handsome either in the garden or as pot-plants in the house. The flowers are so sweet that a few of them will fill a whole room with their delicious fragrance. Seed sown in March will produce flowering plants in August. If the seed is sown in May or June the plants will flower in the fall and continue all winter if placed in pots in the house. **Pkt. 10c; 3 pkts. 25c;  $\frac{1}{4}$  oz. 75c.** For plants of this stock see page 69.

## SALPIGLOSSIS.

A very graceful and beautiful flower of easy culture in the open ground. The plant grows about two feet high, with large lily-like flowers. The large flowering varieties have flowers measuring three inches in diameter and of the most beautiful colors. The combinations of shades of colors and the beautiful markings on the flowers are truly wonderful. The plants commence to flower early in the summer and continue in bloom until late in the fall if the flowers are kept picked. The seed is sown in the open ground in the spring.

**GRANDIFLORA.** (*Large Flowering.*) Flowers large, beautifully colored and marked. In their colorings and general appearance they much resemble orchids. The flowers are of many different colors—blue, purple, orange, gold, maroon, yellow and red, and combinations of these colors. **Pkt. 5c; 3 pkts. 12c.**

**New Emperor.** Plants of this new variety are more dwarf and compact than the above kind, while the flowers are equally large. **Pkt. 8c; 3 pkts. 20c;**



New Miniature Sunflowers.

## SUNFLOWER

Sunflowers make very ornamental screens, and the seed is used for poultry food for which it is often raised in large quantities.

**Stella.** (*Miniature Sunflower.*) This small single sunflower makes a very bright, attractive and ornamental plant. The flowers are  $2\frac{1}{2}$  to 3 inches across, and are produced in great profusion on long stems, which makes them excellent for cutting. The plants grow from 4 to 5 feet high, and the bright yellow flowers with black centers make them exceedingly ornamental. Sown in May they commence flowering in July and continue all summer and fall. No trouble at all to raise. **Pkt. 5c; oz. 25c.**

**New Varieties of MINIATURE SUNFLOWERS.** (See photograph.) Since the introduction of the Stella sunflower described above there has been produced a number of others which vary from this in color, shape of petals, etc. Many of them are very interesting and beautiful. The petals in some cases are quilled like Cactus Dahlias, and some of the flowers are double and semi-double, while the colors range from yellow to light cream. The plants form bushes 4 to 5 feet high, and are covered from top to bottom with these pretty star-like flowers. The seed we offer is a mixture of the best new varieties. **Pkt. 10c;  $\frac{1}{2}$  oz. 25c.**

**Double California.** The finest double Sunflower. Plants grow from 5 to 6 feet high, and the flowers are large, deep yellow and very double. **Pkt. 5c. 3 pkts. 12c; oz. 40c.**

**Mammoth Russian.** Very large flowers, bearing an abundance of seed. The seed can be profitably raised for poultry food. **Pkt. 5c;  $\frac{1}{4}$  lb. 15c; lb. 25c.** See also page 53.

## Salvia or Scarlet Sage.

The plants grow about two feet high and are completely covered with long spikes of brilliant scarlet flowers. Very attractive on lawns and borders and useful for cut flowers. Seed should be sown in March or April in boxes or hotbed and the plants set out in the open ground when danger of frost is over. There is no flower that can compare with Salvia in brilliancy of color and profusion of bloom.

**SALVIA SPLENDENS.** Brilliant scarlet flowers borne on long spikes that literally cover the plant. We have an improved *Grandiflora* strain of this Salvia which produces very long spikes of large flowers on compact bushy plants. There is no finer Salvia than this. **Pkt. 5c; 3 pkts. 12c;  $\frac{1}{2}$  oz. 45c.**

**DWARF SALVIA.** The plants only grow about 18 inches high and are neat and compact, being completely covered with large flowers. Blooms earlier than other kinds, and is especially valuable for planting in borders where the taller kinds would be too high. The flowers are of the largest size and cover the plants from August until frost. **Pkt. 8c; 3 pkts. 20c.**

**Salvia Plants.** Those who do not wish the trouble of raising the plants can obtain them ready to set in the open ground. See page 69.

## Sanvitalia.

A very pretty bright yellow flower growing on a half creeping plant in the greatest abundance. The flowers resemble a double daisy, and are bright, attractive and easily grown. Cultivate like Phlox.

**Sanvitalia procumbens.** The finest double flowers. **Pkt. 5c; 3 pkts. 12c.**

## SNAPDRAGON (Antirrhinum.)

The Snapdragon is one of the old fashioned flowers that has lately again become popular. It is easily raised by sowing the seed in the open ground in the spring. If the seed is sown early the plant will flower in July or August. The plants should be thinned so they stand a foot apart. The spikes of flowers are often nearly a foot long and make a fine display of color.

**Improved Large Flowering.** This improved variety has much larger flowers than the old kinds and are much handsomer in every way.

**Pure White.** Creamy white flowers. **Pkt. 5c.**

**Mixed Colors.** Composed of seed of the best named varieties mixed in equal portions so as to give a good quantity of plants of each variety. **Pkt. 5c;  $\frac{1}{2}$  oz. 25c.**

## Seeds for a Complete Flower Garden at Less than Half Price

We will send the following collection of Flower Seeds, which amounts to \$1.40 at our regular prices, for **65c**, postpaid. The collection consists of the following varieties, all of which are easily grown in the open ground by simply sowing the seed in the Spring in good soil. These are the very finest varieties we have and will produce beautiful flowers if given the proper care.

	Regular price
I Pkt. ASTER, Crepe, pink.....	\$0.10
" Semple's Branching, mixed.....	.08
" BALSAM, Double Camellia-Flowered, mixed.....	.08
" CANDYTUFT, Empress.....	.05
" CALLOPSIS, Golden Wave.....	.05
" CENTAUREA, Imperialis.....	.05
" COSMOS, Early Flowering, mixed.....	.05
" DIANTHUS, Double Japan Pink, mixed.....	.05
" LARKSPUR, Branching, mixed.....	.05
" MARIGOLD, Double French Dwarf.....	.05
" MIGNONETTE, Machet.....	.05

	Regular price
I Pkt. MORNING GLORY, Large Flowering, mixed.....	\$0.05
" NASTURTIUM, Lobb's Improved, mixed.....	.05
" PHLOX DRUMMONDI, mixed.....	.05
" PANSY, Masterpiece, or Giant Ruffled.....	.15
1 oz. SWEET PEAS, mixed.....	.08
I Pkt. POPPY, Shirley, mixed.....	.05
" SALPIGLOSSIS, Grandiflora.....	.05
" SNAPDRAGON, mixed.....	.05
" SUNFLOWER, New Miniature Varieties.....	.08
" ZINNIA, New Crested, mixed.....	.08

**Total.....\$1.40**

**This Collection 65c.** As these collections are put up ready to send off we cannot change them in any way. NO DISCOUNT of any kind can be allowed on this collection of Flower Seeds. In ordering simply order "Special Collection of Flower Seeds, 65c."

## "WILD FLOWER GARDEN"

There are many Annual Flowers that can be grown almost as easily as weeds. Seeds of such flowers simply scattered on the ground in a corner of the garden will make a pretty display of flowers. Of course the soil must be fairly good and free from grass and the larger weeds must be pulled out during the season.

We have made up a mixture of seeds of the hardiest Annual Flowers that will bloom from early summer until late in the fall. **Pkt. 5c; oz. 35c.**

## SWEET WILLIAM.

A universally admired perennial flower that when once started will last for years. Sow the seed in the open ground in the spring or fall.

**Perfection.** Extra large flowers of many beautiful colors and markings. **Pkt. 5c; 3 pkts. 12c.**

## VERBENA.

This beautiful flower can be easily raised from seed by sowing in the open ground, and will flower in the late summer and fall even after frost. To get early flowering plants the seed should be sown in boxes in the house and the plants transplanted to the open ground when the weather is warm.

**Verbena Hybrida.** The common Verbena with smaller flowers than the "New Mammoth" strain described below. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

**NEW MAMMOTH.** This new strain produces the largest and handsomest flowers, and is one of the finest strains of Verbena in cultivation. Mixed colors. **Pkt. 10c; 3 pkts. 20c.**

## WALLFLOWER.

A half hardy perennial, easily grown from seed either in a box in the house or in the open ground. The plants should be taken up in the fall and raised in the house where they will flower all winter.

**Large Flowered.** Single. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

**Covent Garden.** The finest double variety. **Pkt. 10c.**

## ZINNIA.

Zinnias are very easily grown and make a brilliant display of color in the garden or border all through the summer. The seed is sown in the open ground in the spring.

**NEW CRESTED ZINNIAS.** These new Zinnias are the handsomest we have seen. The petals being crimped or quilled relieves the flower of its stiffness, which is the drawback to most Zinnias. The colors are also more delicate than are found in other varieties. The flowers are perfectly double and are produced on long stems.

**Mixed Colors.** **Pkt. 5c; 3 pkts. 12c.**  
**White.** Very handsome. **Pkt. 5c.**

**Carmine.** A beautiful shade of red. A bed of these Zinnias is very handsome. **Pkt. 12c; 3 pkts. 25c.**

**Dwarf Double.** Dwarf plant, with double flowers of beautiful colors. **Pkt. 5c; 3 pkts. 12c.**

**DOUBLE GIANT.** A splendid variety, with flowers of the largest size. The plant is of robust growth and produces a profusion of bloom. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

# Flowering Plants and Bulbs

We offer a few of the best and most satisfactory flowering plants for general culture in the open ground. Some of them, such as Begonias, Cannas, Gladiolus and Dahlias will not stand the winter, but must be taken up in the fall and set out again in the spring. The hardy perennial plants such as Phlox, Anemone, Hollyhocks, etc., may be left out all winter without protection and will usually increase in size and beauty from year to year. There is nothing more satisfactory in the way of flowers than these hardy perennials which come up year after year, without having to be replanted.

## ANEMONE. (Windflower)

One of the most beautiful and useful of the hardy autumn-flowering plants. The flowers are produced on long slender stems well above the plant and are extremely graceful and ornamental both in the garden and as cut flowers. The plants are perfectly hardy and need only a slight covering of leaves in the fall.

**Red Japonica.** Single flowers of medium size and of beautiful rose color. Very long stems.

**White Japonica.** Same as above but with snow white flowers.

**WHIRLWIND.** Semi-double, pure white flowers produced in clusters and in great profusion. Stems are not as long as those of the single Japonica.

**QUEEN CHARLOTTE.** This is the finest Anemone we have seen. The flowers are often 4 inches across and their coloring is very charming, being a silvery pink like a La France rose. They are usually semi-double and are produced in great abundance during the fall.

**Price** of any of the above varieties, strong plants, 15c each; 4 for 50c; dozen, \$1.40, postpaid. By express, 12c each; \$1.25 per dozen.

## BEGONIAS.

These large flowering Tuberous Begonias are magnificent plants for beds in the open ground. One who has not seen them can hardly imagine the brilliant and gorgeous effect produced by their large, richly colored foliage, and their beautiful waxy flowers of bright and varied colors. If the bulbs are started early the plants will commence to flower in July and continue in constant bloom until frost. The flowers are from 3 to 4 inches across and are produced in great profusion, almost covering the plant from sight. The bulbs should be started about the first of April in small pots plunged in boxes of earth in the house or hotbeds, and well watered. Plants can be set out in the open ground as soon as all danger of frost is over. Begonias do best in partial shade.

**SINGLE VARIETIES.** We offer four colors—scarlet, white, pink and yellow. Four bulbs, one of each color, 20c; dozen bulbs, your selection of colors, 60c; 2 dozen, \$1.10, postpaid. By express, 50c per dozen; \$3.75 per 100.

**DOUBLE VARIETIES.** Handsome large double flowers that resemble a small rose. Same colors as above. One bulb of each color (4 bulbs) 25c; dozen, your selection of colors. 75c. By express, 65c per dozen; 50 bulbs for \$2.75; 100 \$5.00.



Tuberous-Rooted Begonias.

## CANNAS.

For lawn decorations there is no plant equal to the improved varieties of Cannas. Their bright, luxuriant foliage and long spike of brilliant flowers make a beautiful display in beds and borders.

The roots may be started in pots in the house or hot-bed in March or first part of April and the plants set out in the open beds when danger of frost is past. Or the roots may be set out in the open ground about May 1st in this latitude.

The following are among the newest and best varieties of large-flowering Cannas for bedding.

**Buttercup.** Pure bright yellow, like a buttercup. The best pure yellow Canna. Green foliage, 3½ ft.

**Souv. d'Antoine Crozy.** Brilliant scarlet flowers edged with gold. One of the most showy and attractive Cannas grown. Flowers large and abundant and do not fade in the sun. Green foliage, 4 ft.

**Queen Charlotte.** Each petal has a broad border of golden yellow with brilliant scarlet center. Flowers of large size and produced thickly on the stem. Green foliage, 4 ft.

**Florence Vaughan.** Rich golden yellow, dotted with crimson, large and handsome flowers. Green foliage, 4½ ft.

**J. D. Eisele.** Flowers of large size and a beautiful shade of vermillion scarlet with an orange shading, one of the very finest. Green foliage, 5 ft.

**Pennsylvania.** Immense flower of an intense orange-scarlet, a charming shade of color, and one of the best Cannas. Flowers often 7 inches across and produced in great abundance. Green foliage, 5½ ft.

**ITALIA. (Orchid-Flowered.)** Flowers of the largest size and brilliant red with a wide margin of gold on each petal. A gorgeous and beautiful flower. Green foliage, 4½ ft.

**PILLAR OF FIRE.** A tall variety growing 6 to 7 ft. high with long spikes of bright red flowers held erect above the green foliage like glowing torches. A valuable kind for the center of a bed.

**JEAN TESSOT.** Most brilliant glowing scarlet. Large flowers and very handsome. One of the best we have seen. Green foliage, 5 ft.

**KING HUMBERT.** This is one of the very finest Cannas yet produced. The flowers are of immense size, often 6 inches across, and the color is an intense orange-scarlet with deep red markings. The leaves are bronze red and the whole effect is very striking. Should be in every collection. 4½ ft.

**Price.** Good dormant roots of the above varieties by mail, 10c each; Price, \$1.00 per doz. By express, 75c per doz.; 50 roots \$2.50.



Canna Souv. D'Antoine Crozy.

## Shasta Daisy.

Much like the common field Daisy or Marguerites, but much larger, whiter and handsomer. Perfectly hardy. Strong plants, 15c each; 4 for 50c; \$1.50 per doz., postpaid.

## GLADIOLUS.

The Gladiolus is one of the most ornamental and attractive of flowering bulbs. The spikes of flowers grow two feet or more high, the flowers being of every shade of color and beautifully marked. When planted in beds or borders they make a most gorgeous show. The bulbs can be set out any time from the middle of April to the first of June, and will always flower the first year. Set out the bulbs about eight or ten inches apart and three or four inches deep. In the fall, after they have flowered, the bulbs should be taken up and stored in a dry place over winter.

**NEW AND IMPROVED VARIETIES.** There has been great progress made in the improvement of the Gladiolus within the last few years and the varieties we now have are much superior to those of a few years ago. We offer two different mixtures as follows:

**Mixture No. 1.** Composed of a general collection of Mr. Groff's hybrid varieties, including principally red, pink and yellowish shades, with some whites, lilac and blues. By mail, 30c per doz. By express, 25c per doz.; \$1.60 per 100.

**Mixture No. 2.** Composed of the newer white, cream, light yellow and pink varieties and combinations of the handsomest colors. This mixture will produce a beautiful display of flowers of the most attractive colors and markings, as it includes only the very best varieties. By mail, 65c per doz.; ½ doz. 35c. By express, 60c per doz.; \$4.00 per 100.

## Perennial Phlox.

There has been great improvement made in the old-fashioned perennial Phlox, and they are now one of the handsomest and most showy of the hardy flowering plants. They flower from July until November, producing a wealth of bloom and variety of coloring hardly equalled by any other plant. The plants are perfectly hardy and will last for many years without any protection. We offer some of the best varieties of the following colors: Pure white, bright scarlet, rose pink and carmine, in strong field-grown clumps. Price, by mail, 20c each; \$1.75 per doz. By express, 15c each; \$1.50 per doz.

## HOLLYHOCKS.

Plants set out this spring will flower in July and August and will last for a number of years without any protection.

**FINEST DOUBLE VARIETIES.** We can furnish the following colors: Yellow, pink, deep red and pure white, each 15c; 6 for 75c. 12 for \$1.40; postpaid. By express, \$1.25 per doz.

## RUDBECKIA, "Golden Glow."

This hardy plant is very ornamental, growing 6 to 8 feet high, with bright yellow double flowers. They have long stems, and are not only handsome on the plant, but also make beautiful cut flowers. The plants grow very rapidly and bloom early in the summer and continue in bloom until killed by frost. They are perfectly hardy, and bloom more profusely each year. Strong roots, 10c each; 6 for 50c; 12 for 85c, postpaid. By express, 8c each; 60c per doz.

## TUBEROSES.

Tuberous are very easily raised in the open ground in the summer, and are very ornamental. The flowers have an intensely sweet fragrance. The bulbs should be set out as soon as the soil is warm in the spring, and will flower in August and September. They can also be raised in pots in the house.

**Excelsior Dwarf Pearl.** The best variety. Flowers large, pure white, double and crowded on the stalk. Large bulbs, 8c each; per doz. 50c, by mail, postpaid. By express, 35c per doz.; 2 doz. 60c.

## PLANTS OF ANNUAL FLOWERS.

These plants will be ready for delivery about May 15th or June 1st. Orders may be sent at any time and plants will be sent when it is the proper time to set them out.

**ASTERS.** We can furnish first-class large plants of the most desirable varieties of Asters as follows: **Crego Pink**, **Crego White**, **Semple's Pink Branching**, **Hohenzollern** Dark Blue, **Rose King** and **Violet King**. (For description see page 55.) By mail, 40c per doz. By express, doz. 30c; 50 plants, \$1.00; 100 plants, \$1.75.

**CARNATION.** The Giant Marguerite Carnation plants we offer will produce flowers in August and all through the fall if set out in the open ground May 20th to June 1st. Ready middle of May. Price same as for Aster plants.

**HELIOTROPE, Lemoine's Giant.** Easily raised in any garden. Strong plants ready last of May. By mail, 60c per doz. By express, 50c per doz.; 50 plants, \$2.00.

**PANSY PLANTS.** Our Pansy Plants are grown from seed sown in February, and are much superior for summer flowering to plants wintered over and sold while in flower in the spring. Such plants flower well for a few weeks but will not stand hot weather. Our plants will bloom through the summer and fall. Plants ready May 15th. We offer a mixture of the very finest Pansies we know of, **Giant Ruffled or Masterpiece**. By mail, 45c per doz.; 50 plants, \$1.40. By express, doz. 35c; 100 plants, \$2.50.

**SALVIA or SCARLET SAGE.** The plants we offer will bloom early and will continue in flower all through the fall. They are strong, well rooted plants, and will be ready to set out June 1st. By mail, \$1.00 per doz. By express, 85c per doz.; 50 plants, \$3.00.

**STOCKS.** The handsomest stock we know of is the "**Beauty of Nice**." This is a later variety than the common Stock and to get early flowers the plants should be set out the last of May or first of June. We can furnish good strong plants ready the middle of May. Price same as for Aster plants.



Gladiolus.

# SMALL FRUIT PLANTS.

**About Shipping.** By Mail. We send first-class large plants by mail and pack them so they go through in perfect condition. We guarantee their safe arrival in good order.

**By Express or Freight.** When the plants will weigh over four or five pounds it is usually cheaper to send them by express than by mail. Large lots (except Strawberry plants) can be sent safely and cheaply by freight. Plants shipped by express are carried at 20 per cent less than regular rates. Where the prices are quoted "by express," it means that the plants when ordered at those prices will be sent by express or freight at the expense of the purchaser.

**In Ordering Plants** please give your nearest express office, if different from your postoffice, and state whether we may send by express, prepaid, instead of by mail. Plants can be packed to go by express in a manner to insure their delivery in better condition than if sent by mail.

**Safe Delivery Guaranteed.** We assume all risks of the plants reaching the purchaser in good condition. If the plants are not satisfactory and in good order when received we must be notified at once, and the matter will be adjusted to the satisfaction of the purchaser. But it must be distinctly understood that we will not hold ourselves responsible for the treatment of the plants after they are received by the purchaser. Perfectly good plants are often ruined by improper planting or unfavorable weather after they are set out. Our responsibility ceases when the plants are delivered in good order.

We will send 50 plants of any variety at half the price quoted for 100 plants, or 500 at half the price of 1000.

## STRAWBERRIES.

The best time to set out strawberries is in the spring, when they will grow all summer and form a good bed of plants that will bear profusely the following year.

The plants should be set out in good rich soil in rows 3 to  $3\frac{1}{2}$  feet apart and a foot apart in the rows. It is best to set out the plants as soon as the ground can be gotten into good condition in the spring, but they will do very well if set out as late as the middle of May.

The plants we offer are of our own growing and are strong and well rooted. We dig the plants and ship them the same day, so they reach the purchaser in the best possible condition.

**BRANDYWINE.** This is a medium late variety with beautiful, smooth, large berries of delicious flavor and sweetness. The plants are of robust growth with heavy dark green foliage, and produce large crops of berries which are uniformly large and of perfect shape. One of the best late varieties for home use and market. Does best on rather heavy soil. Perfect flowers.

**GANDY.** One of the very finest large late berries for home use or market. The berries are of the largest size, firm and of exceptionally fine quality. For moist or heavy land this is certainly one of the very best late strawberries. It does not do well on dry sandy soil. It is not as prolific as some other kinds but the berries you get are large and fine and of very high quality. Perfect flowers.

**SAMPLE.** Very large berries and an immense yielder. The fruit is rather soft for shipping but is good for nearby market and excellent for home use.

**Price of Plants.** We can furnish first-class plants of above varieties, all of our own growing from plants set out last spring, as follows:

By mail or prepaid express: Dozen 25c; 50 plants 65c; 100 plants \$1.20.

By express, not prepaid: 100 plants 85c; 1000, \$5.00. Please write for price on larger lots.

## Special Collection for the Home Garden, \$1.00 postpaid.

We will send a collection composed of 105 Strawberry plants of varieties best suited to the needs of those who raise Strawberries for their own use, for \$1.00 postpaid. This collection consists of 25 plants Senator Dunlap, a fine early variety, 40 plants Parson's Beauty medium, and 40 plants Gandy, a very fine late variety.

These varieties are all of fine quality and productive, and being composed of early, medium and late kinds they will produce a continuous supply of berries from the first to the last of the season. If ordered separately these plants would cost \$1.45. We can make no change in the quantities or varieties of which this collection is composed. The plants will be sent the day they are dug, and we guarantee that they will reach the purchaser in good condition.

**ORDER EARLY**—The plants should be set out May 1st to 15th to get the best results.

We will send two of these collections by express, at the purchaser's expense, for \$1.50, or three for \$2.00.

Your seeds are the best I ever bought. The Strawberry plants you sent me last year all lived and a thriftiler lot of plants I never saw.

WAYNE HARWOOD, Rupert, Vt.

## BLACKBERRIES.

Plant in rows 6 feet apart and 4 feet apart in the rows.

**ELDORADO.** This blackberry has proved to be one of the very best for the northern parts of the country. The canes are perfectly hardy here where we have very cold weather. It is almost as productive and hardy as the Snyder and the berries are nearly twice as large. They are jet black and do not turn red after picking and are of very high quality. This kind is so much better than Lawton that we have given up that variety. The plants we offer are grown from root cuttings and are far superior to canes dug from bearing plants. By mail, doz. 60c; 50 plants \$1.60. By express, doz. 50c; 100, \$2.50.

**SNYDER.** A very hardy Blackberry standing our most severe winters without protection. Berries of medium size and are sweet, juicy and of fine flavor. One of the best varieties for the north. Plant vigorous and very productive. Root cutting plants. By mail, doz. 50c; 50 plants \$1.20. By express, doz. 40c; 100, \$2.00.

## BLACK RASPBERRIES, OR BLACK CAPS.

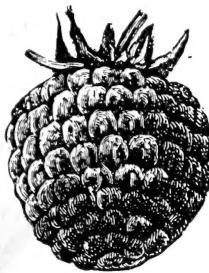
**Cumberland.** The berries are very large, firm and of good quality. The fruit is so large and fine that it always sells for the highest prices. The Cumberland is a medium early variety. The plants are perfectly hardy. Price, by mail, doz. 50c. By express, doz. 40c; 100, \$1.50; 1000, \$12.00.

**GREGG.** One of the largest and best late varieties of Black Raspberries. Hardy, a remarkable vigorous grower, immensely productive, and of unsurpassed quality. By mail, doz. 40c. By express, 100, \$1.25; 1000, \$11.00.

**KANSAS.** One of the very best early varieties. Remarkably productive, with fruit of large size and fine quality. Perfectly hardy and of vigorous growth. We highly recommend this kind. By mail, doz. 40c. By express, 100, \$1.20; 1000, \$10.00.

## RED RASPBERRIES.

Plants should be set out in rows five feet apart and three to four feet apart in the row.



"Herbert" Raspberry.

**Herbert.** The originator says of it, "Fruit bright red, somewhat oblong, the largest of all red Raspberries, larger than Cuthbert or Loudon. Flavour, very sweet and juicy, the very best for table use. Enormously productive, will bear twice the crop of either Cuthbert or Loudon, under the same conditions. Season, 5 to 6 days before Cuthbert. Holds its size well to end of season."

A new red raspberry which originated in Canada. We have fruited it here and find it a very superior variety. It is earlier than Cuthbert and continues in bearing longer. The fruit is large, bright red, and of fine quality and quite firm. Compared with Cuthbert the Herbert is harder, has larger berries and yields more. The Herbert comes from Canada where the winters are cold, the temperature often going as low as 40 below zero, and is, therefore, perfectly hardy. We strongly recommend this new variety for both the home garden and for market. It is the best red raspberry we have seen. By mail, 10c each; dozen 70c. By express, doz. 60c; 100, \$3.00.

**CUTHBERT.** A remarkably hardy, prolific, firm, Red Raspberry. When you have the Cuthbert you can be pretty sure of a crop. There are more Cuthberts grown than all other kinds put together. The berries are extra large, remarkably firm and of excellent quality, conical in shape, of a rich crimson color. Season medium to late. Canes vigorous and perfectly hardy. By mail, doz., 35c; 100, \$1.50. By express, 100, \$1.10; 1000, \$9.00.

**Marlboro.** One of the largest and best early Raspberries. Hardy and productive. The berries are bright scarlet and very attractive; quality first-class. By mail, doz. 45c; 100, \$2.00. By express, doz. 35c; 100, \$1.75.

**COLUMBIAN.** This is an improved type of Schaffer's Colossal. It is a purple berry intermediate between a red and a black-cap raspberry. The berries are a little larger than Schaffer's and of better color. The plant is of very vigorous growth and enormously productive. The fruit has a very sprightly flavor, and is desirable for canning as well as for table use. By mail, doz. 50c; 50 plants, \$1.50. By express, doz. 40c; 100, \$1.75; 1000, \$13.00.

## GOOSEBERRIES.

**Pearl.** A large white Gooseberry that is quite free from mildew. The bush is wonderfully productive and fruit of large size and fine quality. Price, by mail, strong 1-year old plants, each, 15c; dozen, \$1.25. By express, doz. \$1.10; 100, \$7.50.

**RED JACKET.** This is the largest and most vigorous red Gooseberry. The fruit is as large and fine as the English varieties, while the plant is entirely free from mildew. Price same as for Pearl.

**Downing.** Fruit large, green when ripe, and of excellent quality. Bush a vigorous grower and seldom affected by mildew. Price same as for Pearl.

**Nitrate of Soda.** This is the most soluble and quickly available form of nitrogen or "ammonia." It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for **Cabbage, Cauliflower, Beets, Carrots, Onions, Tomatoes, Potatoes** and similar crops, as well as for **Grass** and **Grain**. It can be advantageously used as a top dressing after plants are up. It is immediately available to the plants when applied.

Gardeners should always have some Nitrate of Soda on hand and use it whenever they want to promote a quick strong growth in plants. A little Nitrate dissolved in water at the rate of about a tablespoonful (1 oz.) to 2 gallons water will stimulate a rapid growth either when applied to plants in frames, greenhouses or the open ground. If your plants don't grow well, try a little Nitrate on them—but don't use too much.

**10 lbs. 50c; 100 lbs. \$4.00; bag 220 lbs. \$7.70.**

## CURRANTS.

Set the plants 4 feet apart in the row and the rows 6 feet apart. Give clean culture and mulch with coarse manure.

**Perfection.** A new variety produced by crossing Fay's Prolific and White Grape Currants. It is larger than Fay's and of as fine quality as White Grape, which is sweeter and of finer flavor than the old red varieties. The color is bright red. The clusters are very long, and the upper part of the stem is free from fruit so that it is easy to pick. The bush is a good grower and remarkably productive. For home use or market there is no finer red currant than this. It ripens earlier than Victoria or about the same time as Fay's and Cherry.

Price—2-year-old plants, by mail, 25c each; 6 plants, for \$1.00. By express, 20c each; dozen \$1.75; 100 \$10.00.

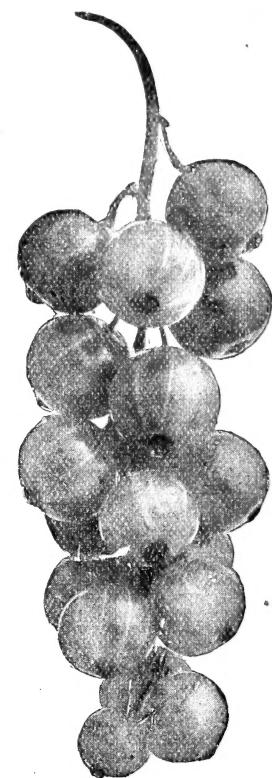
**Victoria.** The best late red currant. The bush a strong grower, and the fruit is of good size and produced on long stems. In our experience it is by far the most productive variety, and is also of fine quality. By mail, good strong 1-year-old plants, each, 10c; dozen, 70c. By express, 1-year-old plants, dozen, 60c; 100, \$3.50; 2-year-plants, dozen, 75c; 100, \$4.50.

**FAY'S PROLIFIC.** Fruit about the size of the Cherry Currant, but with larger bunches. A profitable variety when given high culture.

Price same as Victoria.

**White Grape.** The best White Currant. Large, sweet and prolific. Price same as Victoria.

**LEE'S PROLIFIC BLACK.** The best variety of Black Currants. Price same as Victoria.



Perfection Currant.

## GRAPE VINES

**Campbell's Early.** A new, very early, black grape of large size and rich sweet flavor. The vine is a strong grower, perfectly healthy and very prolific. The fruit will hang on the vines for a long time after it is ripe and improve in quality. Undoubtedly one of the best early black grapes. Price, 25c each; dozen, \$2.25, postpaid. By express, 20c each; \$2.00 per dozen.

**Delaware.** Light red. One of the most delicious and high flavored grapes. No one should be without it.

**WORDEN.** Black. Very similar to Concord, but earlier and larger and of far better quality.

**Concord.** Black. Hardy and enormously productive.

**BRIGHTON.** Red. A magnificent grape; large, handsome and equal, if not superior, in flavor to the Delaware and far larger.

**Niagara.** White. One of the most popular white grapes; as vigorous and hardy as Concord. Fruit very large and handsome and of good quality when thoroughly ripe.

**Moore's Diamond.** One of the best white grapes. Bunch large and compact; berry of good size and of fine quality.

**PRICE OF ABOVE GRAPES** (except Campbell's Early) Large two-year old plants, by mail or express prepaid, each, 20c; dozen, \$1.45. By express, not prepaid, 15c each; dozen, \$1.10; 25 plants, \$2.00.

# Vegetable Plants.

We raise large quantities of Cabbage, Cauliflower, Celery, Tomato, and other plants, and aim to have them of superior quality to the plants usually sold.

The plants are all carefully packed and we guarantee their safe arrival in good condition. When the price is preceded by the words "By express," it means that when ordered at this price the plants are sent by express at the purchaser's expense. We shall be glad to quote special prices on large lots if you will let us know the kinds and quantities required.

**CABBAGE PLANTS.** Early transplanted plants ready April 15th. These plants are well hardened and will stand frost without injury. They are far superior to plants grown in frames without transplanting. Such plants, of course, can be sold much cheaper. Varieties: Early Jersey, Wakefield, Charleston Wakefield, Enkhuizen, Glory, Burpee's All Head Early. By mail, 20c. per doz; \$1.00 per 100. By express, 15c. per doz; 75c. per 100; \$6.00 per 1000.

**Field-Grown Plants.** All leading varieties, ready from June 10th to July 15th. By mail, 10c. per doz; 50c. per 100. By express, 25c. per 100; \$1.50 per 1000; 5000 or more at \$1.10 per 1000. Please write for price on large lots stating quantity and varieties required.

**CAULIFLOWER.** Early transplanted plants ready May 1st. Early Snowball and Danish Giant or Dry Weather. By mail 25c. per doz; \$1.50 per 100. By express, \$1.25 per 100.

**Field-Grown Plants,** ready June 20th. By mail 15c. per doz; 85c. per 100. By express, 65c. per 100; \$3.75 1000.

**BRUSSELS SPROUTS.** Field-grown plants ready June 20th. Same price as Cauliflower.

**CELERY.** Early transplanted plants ready June 1st. Golden Self-Blanching and White Plume. By mail, 85c. per 100. By express, 65c. per 100; \$4.50 per 1000.

**Field-Grown.** Strong, stocky plants of all varieties listed in this catalogue, ready last of June. By mail, 50c. per 100. By express, 30c. per 100; \$2.00 per 1000. Write for prices on larger lots.

**EGG PLANT.** As these plants are easily injured in transplanting we raise them in paper pots which are sent with the plants so as not to disturb the roots. Black Beauty, ready May 25th. By express, 75c. per doz; 50 plants, \$2.50.

**PEPPER.** Strong transplanted plants ready last of May. Varieties: Ruby King, Giant Crimson, Neapolitan, Bell or Bull Nose, New Giant Cayenne. By mail, 25c. per doz. By express, 20c. per doz; \$1.25 per 100; \$8.50 per 1000.

**TOMATO.** Our Tomato plants are strong and stocky and are well hardened and are much superior to plants taken directly out of greenhouses. Varieties: Earliana, New Extra Early Earliana, Bonny Best, Early Detroit, Success, Stone, Dwarf Champion, Tucker's Favorite and Golden Queen (yellow). By mail, 30c. per doz. By express, 20c. per doz; \$1.25 per 100; \$8.50 per 1000. Write for price on larger quantities stating varieties desired.

## Insecticides, Etc.

**Arsenate of Lead.** We find this a much better and cheaper poison than Paris Green for use on potatoes, apple trees, etc. The great advantage it has over Paris Green is that it does not injure foliage and does not settle so quickly in water. It will remain in suspension more than twice as long, so does not require such constant stirring. It will not injure foliage even if applied two or three times as strong as necessary to kill all insects. It will also stick to the leaves much better than Paris Green, and so does not need to be applied so often.

Arsenate of Lead is a white paste that looks like white lead. It is readily mixed with water and does not clog spray nozzles. It is used at the rate of about 3 pounds to 100 gallons of water. It can be used with Bordeaux Mixture the same as Paris Green.

Price, 1 lb. can, 25c; 1½ lb. buckets, \$1.75 each; 25 lbs, or more 13c per lb. Write for price on larger lots.

**PARIS GREEN.** We can furnish pure Paris Green at 35c per lb.; 5 lbs. for \$1.50; 10 lbs. or more at 29c per lb. Price variable according to market.

**TOBACCO DUST.** Tobacco dust is an excellent material for keeping bugs off cucumber, melon and squash vines. The dust should be applied when the leaves are wet so that it will adhere to them. It should be used in liberal quantities. For fumigating greenhouses the Tobacco Dust we sell is most excellent. It burns evenly and will light without the use of kerosene. 5 lbs. will fumigate a house 25 x 100 feet. Price, postpaid, 15c per lb. By express, 5 lb. package, 25c; 10 lbs. 35c; 50 lbs. or more 3c per lb.

**WHITE HELLEBORE.** The best remedy for currant and cabbage worms. Apply dry or in water. Per lb. 20c. Postpaid, 30c per lb.

**FORMALIN (Formaldehyde, 40%).** A valuable disinfectant that destroys germs that cause diseases in plants. It is very effective when used to destroy smut germs in oats and scab on potatoes. To treat oats use 1 pint formalin to 50 gallons of water and soak 10 minutes. For potatoes use 1 pint to 30 gallons and soak two hours. Pint, 25c; gallon jug, \$1.75.

**SULPHO-TOBACCO SOAP.** For killing aphides or lice on roses and other plants we have found nothing so effective and convenient as Sulpho-Tobacco Soap. It is easily applied by dissolving in water and spraying or sprinkling on the plants. It is sure death to insects and never injures the plants. This soap is also very effective in killing fleas on dogs and cats. Directions for use are printed on the cover of each cake. A 3 oz. cake makes 1½ gallons, and an 8 oz. cake 4 gallons of the solution. Price, postpaid, 3-oz. cakes, 12c; 8-oz. cakes, 25c. By express, 3-oz. cakes, 10c each; 8-oz. cakes, 20c each.

**LAMBERT'S DEATH TO LICE.** This is the most effective remedy for killing lice on poultry we have found. It is in a convenient form to use and is very effective. Death to Lice is a powder and is easily applied to the fowls by dusting it through the feathers. It kills the lice within a few minutes after applying. It should be used on setting hens and young chickens as soon as hatched. More chickens and turkeys are killed by lice than people generally realize. Everybody who raises poultry should keep some of the "Death to Lice" powder on hand and use it freely, especially when the hens are setting and young chickens hatch. It is perfectly harmless and will not injure the most delicate chickens.

PRICE, 15 ounce cans, 25c each. Postpaid, 35c each. Full directions for use are printed on each can.

## BOOKS

### At Reduced Prices.

We can furnish the following books postpaid, at reduced prices quoted below, which are in most cases lower than charged by the publishers:

**The Vegetable Garden.** By Ida D. Bennett. This is one of the best books on the subject we have seen. It not only gives good advice about raising all kinds of vegetables but it also tells how to cook them. Price postpaid \$1.20

**Insects Injurious to Vegetables.** By Dr. F. H. Crittenden. If you want to know all about insects that destroy crops, send for this book..... 1 45

**Bean Culture.** All about Beans from planting to marketing. Illustrated. 144 pages. Cloth..... 50

**Celery Culture.** By W. R. Beattie. A practical guide for beginners and of interest to others. Illustrated. 150 pages..... 50

**The Principles of Vegetable Gardening.** By Prof. Bailey. A very complete and practical work..... 1 40

**Ginseng.** Its culture, harvesting and marketing..... 45

**Alfalfa.** By F. D. Coburn. All about raising this important crop. 160 pages..... 45

**Cabbage, Cauliflower and Allied Vegetables.** By an expert (C. L. Allen). The best work on the subject..... 45

<b>Asparagus.</b> A book giving the modern methods of raising Asparagus.....	\$ 45
<b>The New Rhubarb Culture.</b> All about forcing and outdoor culture.....	45
<b>Tomato Culture.</b> By W. W. Tracy. A book for the man who wants the latest and most complete information on the subject.....	50
<b>Talks on Manures.</b> By Joseph Harris, M. S. New edition. A practical and complete work on Manures and Fertilizers, containing 40 chapters, 366 pages.....	1 40
"Harris on the Pig," By Joseph Harris. Revised edition	90
<b>Forage Crops,</b> other than grasses. How to cultivate, harvest and use them. By Thomas Shaw.....	95
<b>Onions, How to Raise Them Profitably.</b> .....	20
<b>Spraying Crops.</b> How and when to do it. By Prof. Clarence M. Weed. New and enlarged edition, thoroughly up to date.....	45
<b>How to Make the Garden Pay.</b> By T. Greiner. A complete book on gardening, from making a hotbed to harvesting the crops—written by a practical man.....	1 00
<b>The Potato.</b> By Samuel Fraser. A complete and up-to-date guide to Potato culture. 200 pages.....	75

# Garden Tools, Etc.



**Lang's Hand Weeder.** A very useful tool for hand weeding. A boy with one of these weeders can do twice as much work in a day as he could without it. **Price 25c each; 3 for 60c.** By mail, 30c each.

**Garden Line.** Good strong hemp garden line, 50 feet, 30c; (by mail 35c); 100 feet, 50c; 200 feet 90c.

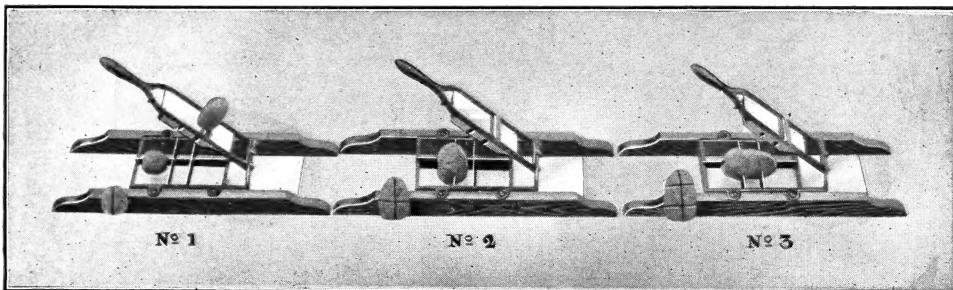
**Garden Stalks or Labels.** Very useful for marking the name of seeds sown in the garden or hot bed; stalks 12 inches long, the best size for garden use, 15c per doz.; 75c per 100.

**Pot Labels.** Four inches long.

20c per 100; \$1.00 per 1000.

**Planet Jr. Garden and Farm Tools.** We can furnish any Planet Jr. tools required and should be glad to mail a complete catalogue of these tools on request. There are no better tools made.

## A NEW SEED POTATO CUTTER.



No. 1 shows how a small potato is cut into two pieces, and also how the seed end is cut off if desired.

No. 2 shows how medium size potatoes are cut into four pieces.

No. 3 shows how large potatoes are cut into six pieces.

This is the only really satisfactory Potato Cutter we have ever used. With it a man can cut five times as many potatoes in a day as by hand and cut them any way desired. The cutter is placed on top of a bushel crate or barrel so that the potatoes fall into it when cut. When cutting, the lever is raised with one hand and a potato placed on the knives with the other in such a position as will cut it in as many pieces as desired. (See picture above.) By a simple movement of the hand the potato is cut and falls into the box below.

To take off the "seed end" the potato is simply drawn over the knife blade on top of the plate as shown in Fig. No. 1. The pieces fall on a plate and are kept separate from the rest of the cut potatoes. This cutter will pay for itself in a day. A large grower cannot afford to be without one. The cutter is 2 feet long and 8 inches wide; weight 8 lbs. **Price, \$2.75.**

## White Wyandottes

We have raised White Wyandottes exclusively for over fifteen years and have bred up a very fine strain that is as fine as any in the country. As we raise only the one kind we can give our fowls *free range* which keeps them healthy and vigorous and they are consequently far superior for breeding purposes to fowls that are kept confined in small yards as is necessary where more than one breed is raised.

**Price of Fowls.** Good large vigorous cockerels, \$2.00 each; 3 for \$5.00.

These cockerels are perfectly pure bred and are just the thing to breed up a flock for practical purposes. It will pay those who have hens of common mixed breeds to get some of these pure bred White Wyandotte cockerels to improve the flock.

**EXTRA FINE COCKERELS,** carefully selected for purity of color, shape of comb, color of legs, etc., \$5.00 each.

These are as fine cockerels as can be bought of other breeders for \$10.00. They are good enough to put in any flock of pure bred White Wyandottes for breeding purposes or show.

**PULLETS,** fine, large, early hatched pullets, carefully selected for breeding, \$2.00 each. Good large, healthy pullets, but not quite as fine as above, \$1.75 each.

**Eggs.** We can furnish eggs from our own carefully selected breeding stock. As we raise only one breed our flock has *free range*. We have scratching sheds attached to our hen houses and every other advantage for getting good fertile eggs. As we cannot test eggs before sending them off, as we do seeds, of course we cannot tell how fertile they are. All we can do is to send only perfectly fresh eggs and give our hens the best of care and food. We pack the eggs in the most careful manner and guarantee that they shall reach the purchaser in good condition.

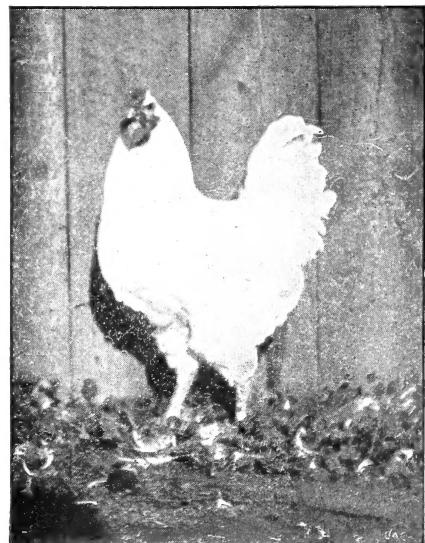
1 setting, 13 eggs, \$1.25. 2 settings, 26 eggs, \$2.00.

50 eggs, \$3.25. 100 eggs, \$6.00.

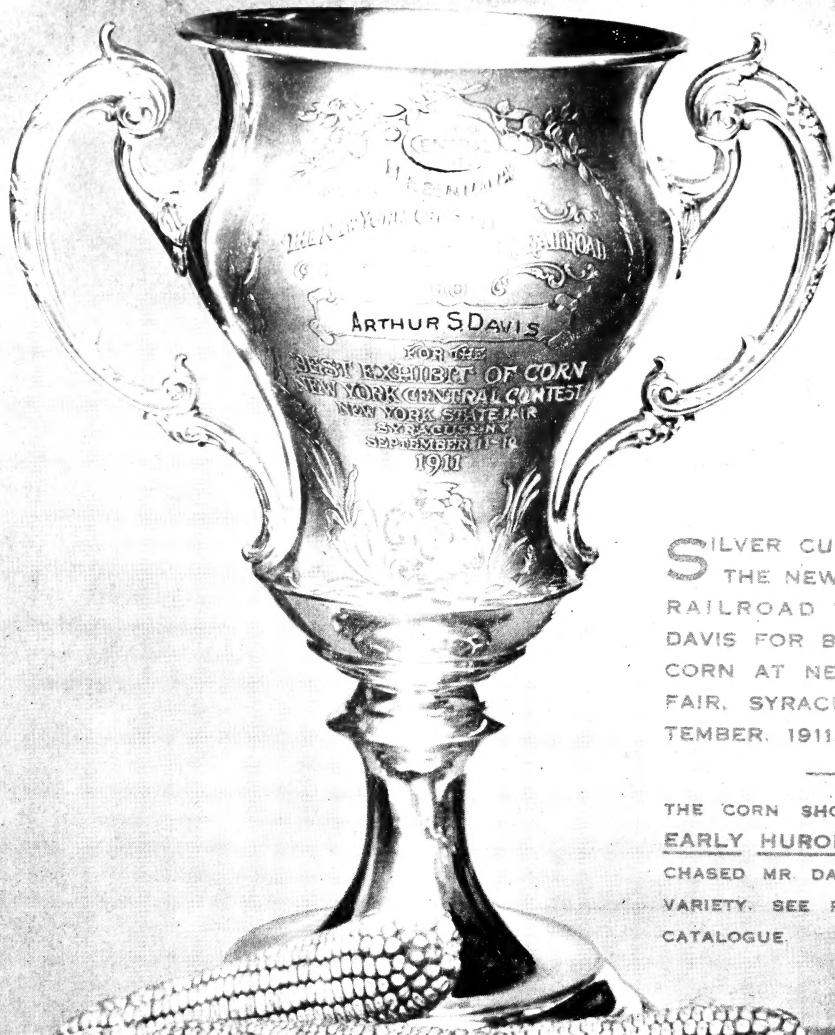
The eggs and fowls are sent by express at the expense of the purchaser. They are packed in very light carriers so as to make the express charges as low as possible.

JOSEPH HARRIS CO., Coldwater, N. Y.

Union and Advertiser Press, Rochester, N. Y.



# HARRIS' SEEDS



SILVER CUP AWARDED BY  
THE NEW YORK CENTRAL  
RAILROAD TO ARTHUR S.  
DAVIS FOR BEST EXHIBIT OF  
CORN AT NEW YORK STATE  
FAIR, SYRACUSE, N. Y., SEP-  
TEMBER, 1911.

THE CORN SHOWN WAS DAVIS'  
EARLY HURON. WE HAVE PUR-  
CHASED MR. DAVIS' CROP OF THIS  
VARIETY. SEE PAGE 51 OF THIS  
CATALOGUE.

DAVIS'  
EARLY HURON CORN